2018

DripWorks

Quality Drip Irrigation

Galcon Battery Timer
10% OFF
when you purchase a
DripWorks Kit Package

Save water, time and money

Our easy-to-use drip irrigation products will help you get started today.

Call 1.800.522.3747 or go to DripWorks.com

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Made in America

At DripWorks we believe that American products are still the world standard, and the majority of our products are made right here in the good ol' USA. We could easily buy cheap copies to sell at a lower cost, but replacing all or part of a failing drip system is hardly cost effective and does not make for happy customers.

Americans understand this, and according to a Consumer Reports study, 78% of US consumers prefer to buy products made in the United States. Our own DripWorks customer survey found that 89% of respondents thought buying American is important.

While the quality of our products is my primary concern, "buying American" benefits our communities, our country, and the world. Products made in America are subject to stringent environmental and worker safety standards, and fair workers' wages. Many of our suppliers have won awards for their cleaner, more sustainable and eco-friendly practices. The shorter transportation of products to market also means less pollution and a smaller carbon footprint. That's good for you, and the world.

Every year I tour the factories which produce the products you buy, and I inspect the quality control processes, labor conditions and commitment to eco-friendly manufacturing. Each time I make this trip, I am impressed by the level of technology they utilize, the clean, organized work environment and the genuinely happy, good people I meet.

I love supporting these companies; not just because they are local, but because they have earned it. Your continued support for quality products allows us to continue our mission for a cleaner, healthier and more sustainable future for all of us, and the generations to come. Thank you!

Scott Montez
V.P. Purchasing

Ordering is easy!

Online: Visit us at DripWorks.com

Phone: Call us toll free at 800.522.3747

Visit: 190 Sanhedrin Circle
Willits, CA 95490

DripWorks
Quality Drip Irrigation

Dear Friends,

For 27 years DripWorks has stood for reliable, friendly service, quality parts, and customer satisfaction. We work hard to supply you with products that will help your plants, crops, and gardens thrive. Our catalog and online store DripWorks.com are testaments to adapting to your needs.

We stand behind every one of the 1500 products we sell. If you have a question about an item, we have a crew of drip irrigation experts at your service. Chat with us at DripWorks.com or give us a call and get quick technical support. Visit our online store to find great resources. Visit our FAQ section and find answers to frequently asked questions. Our Gallery of Plans is an easy to understand online resource that shows you the exact sequence of parts necessary to set up a drip system. Our online calculators take the guesswork out of planning your drip system. The Drip Planning Guide provides all the essential information you'll need to set up a successful system. Our How-to Videos will show you how to set up a drip system or a starter kit, the proper way to measure and install a pond liner and how to program a timer. See page 22 for further details.

We pride ourselves on being the ultimate source for irrigation products that will save you water, time, and money.

Leon Springer
President

Mike Dent
VP of Operations

Leon Springer
President

Scott Montez
VP of Purchasing

"DripWorks is a great company that supports the home gardener as well as the small farmer with excellent product and knowledgeable, friendly staff."

Gwenne Godwin

Lead Grower/
Farm Operations Manager
Growing Solutions Farm
Chicago, IL

Best Seller

Drip Tape Kits for Row Crops

Great for watering long rows and large raised beds, drip tape is a favorite of commercial farmers and backyard gardeners alike. We offer three sizes of drip tape kits to meet your diverse needs. See DripWorks.com for a full parts list and more information about these kits.

Small Drip Tape Kit

Waters 10 20' rows
(Expand to 1,200' of low flow drip tape)

- 200' of Drip Tape
- Filter and Pressure Regulator
- 50' of ½" Mainline Tubing
- ½" Mainline and Drip Tape Fittings
- Punch and Hold Down Stakes

KDT1 Small Kit.....$79.95
KDT1-T Kit plus timer.....$125.95

Medium Drip Tape Kit

Waters 20 100' rows (⅛ acre*)

- 2000' of Drip Tape
- Filter and Pressure Regulator
- 100' of ½" Mainline Tubing
- ½" Mainline and Drip Tape Fittings
- Punch and Hold Down Stakes
- High Flow Hose Y**

KDT2 Medium Kit.....$289.95
KDT2-T Kit plus timer.....$335.95

Large Drip Tape Kit

Waters 40 100' rows (¼ acre*)

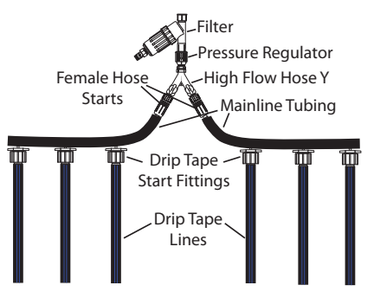
- 4000' of Drip Tape
- Filter and Pressure Regulator
- 200' of ¾" Mainline Tubing
- ¾" Mainline and Drip Tape Fittings
- Punch and Hold Down Stakes
- High Flow Hose Y**

KDT3 Large Kit.....$459.95
KDT3-T Kit plus timer.....$549.95

Drip Tape is Low Flow, 15 mil, emitters spaced 8" OC.
* Acreage estimations based on 33" row spacing. Your situation may vary.

** High Flow Hose Y (HYVHPL, p. 48) is used to divide the system into two zones.
Note: Use a high flow timer for the Medium and Large Drip Tape Kits.

High Flow Hose Y Setup for Standard Kit Deluxe Kit Varies Slightly



Chat with us live at DripWorks.com

You'll be a drip irrigation expert in no time.

Galcon Battery Timer 10% OFF when you purchase a DripWorks Kit Package

Garden Bed Kits

Simple set-up for lush, thriving plants in any bed shape

Small Garden Bed Kit

Waters Up To 3 Beds**

- 100' Soaker Dripline*
- ½" & ¼" Fittings
- 50' of ¼" Tubing
- Filter & PSI Regulator
- Punch & Hold Downs
- 50' of ½" Mainline Tubing

KGB1 Small Kit $59.95
KGB1-T Kit plus Timer**.....$105.95

Medium Garden Bed Kit

Waters Up To 9 Beds**

- 300' Soaker Dripline*
- ½" & ¼" Fittings
- 100' of ¼" Tubing
- Filter and PSI Regulator
- Punch & Hold Downs
- 100' of ½" Mainline Tubing

KGB2 Medium Kit $99.95
KGB2-T Kit plus Timer**.....$145.95

Large Garden Bed Kit

Waters Up To 18 Beds**

- 600' Soaker Dripline*
- ¾" & ¼" Fittings
- 200' of ¼" Tubing
- Filter & PSI Regulator
- Punch & Hold Downs
- 250' of ¾" Mainline Tubing

KGB3 Large Kit $239.95
KGB3-T Kit plus Timer***†.....$329.95

*Emitters Spaced 12" OC **Based on 4'x8' beds **TGNLIDBT (p. 54) ***† TGNHFBT (p. 54)
Note: We recommend a high flow timer with Large Kit (p. 54)

DRIPT!PS Make your garden kit a success!

1 Time it just right.

A must for any drip irrigation system, a timer will turn your system on and off at designated times so plants get the steady, consistent watering they need for optimum health and production. Plus, you won't have to worry about watering while you're on vacation or away from home.

2 Give your soil a boost.

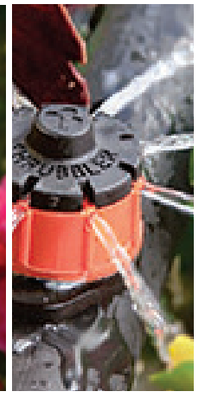
Most soil doesn't provide the essential nutrients required for optimum growth. Even if you start with great garden soil, plants absorb nutrients and leave the soil less fertile as they grow. Plants need to be fertilized, and we offer a variety of fertilizers and fertilizer injectors to give your soil the boost it needs.

3 Add on to your system.

Adding on to your drip system is easy with Easy Loc fittings. Check out our how-to videos, use our live chat, or check out the Drip Planning Guide at DripWorks.com

Call us at 800.522.3747

Our complete irrigation kits are ready to install, easy to use, and fit your unique need.



Rose and Shrub

Ideal for bushes, shrubs, or small trees

Small Rose and Shrub Kit Waters Up To 15 Roses

KRS1	Small Kit	$54.95
KRS1-T	Kit plus Timer	$99.95

Medium Rose and Shrub Kit Waters Up To 30 Roses

KRS2	Medium Kit	$84.95
KRS2-T	Kit plus Timer	$129.95

Find a complete list of kit components online at DripWorks.com/drip-irrigation/irrigation-kits/rose-shrub

Individual Plant

Targeted container watering

Small Individual Plant Kit Waters Up To 60 Plants

KIP1	Small Kit	$64.95
KIP1-T	Kit plus Timer	$109.95

Medium Individual Plant Kit Waters Up To 140 Plants

KIP2	Medium Kit	$99.95
KIP2-T	Kit plus Timer	$145.95

Find a complete list of kit components online at DripWorks.com/drip-irrigation/irrigation-kits/individual-plant

Deck Garden Kits

Quick, easy setup frees you from hand watering planters and boxes

Small Deck Garden Kit Waters Up To 45 Pots

KDG1	Small Kit	$69.95
KDG1-T	Kit plus Timer	$115.95

Medium Deck Garden Kit Waters Up To 180 Pots

KDG2	Medium Kit	$159.95
KDG2-T	Kit plus Timer	$205.95

Find a complete list of kit components online at DripWorks.com/drip-irrigation/irrigation-kits/deck-garden

Mainline Tubing: The heart of every drip irrigation system.

This flexible, low-density polyethylene tubing is our most common tubing for carrying water throughout a drip system. It is designed to have holes punched into it and emitters, transfer barbs, or sprayers inserted. Works in straight lines or curves. Use Easy Loc, or barbed fittings (p. 9, 10 and 45). Handles up to 50 PSI.

½" Mainline Tubing (.600 " ID - .700" OD)

Measures almost ¾" in diameter.
Recommended flow rate is 0-240 gallons per hour (GPH). Not rated for constant pressure.

1250	50' Roll	$13.95
12100	100' Roll	$18.95
12500	500' Roll	$68.95
121000	1000' Roll	$129.95

¾" Mainline Tubing (.830" ID - .940" OD)

Measures almost 1" in diameter.
Recommended Flow is 0-480 gallons per hour (GPH).

3450	50' Roll	$21.95
34100	100' Roll	$31.95
34250	250' Roll	$74.95
34500	500' Roll	$112.95

Oval Hose™

Commercial systems use this hose mainly as a high flow, low-pressure header for Drip Tape. Larger diameter polyethylene is extruded in an oval shape to save space for shipping. Uses standard barbed fittings and hose clamps, or 1" Easy Loc fittings for 1" Oval Hose.

F1250	1" x 250'	42 PSI Max	13 GPM $96.95
F112150	1.5" x 150'	21 PSI Max	37 GPM $93.95
F112300	1.5" x 300'	21 PSI Max	37 GPM $184.95
F2150	2" x 150'	21 PSI Max	73 GPM $112.95

Great for long rows, in sloped or uneven terrain and provides even water distribution.

Growers Choice

½" Pressure Compensating Emitter Tubing

The most versatile product for larger plantings!

- Greatly reduces installation time
- Perfect for hilly terrain and long rows
- 0.5 or 1.0 GPH pressure compensating emitters
- 600" ID x .700" OD (same size as our ½" mainline)
- Pressure range 10-50 PSI

½" Emitter Tubing Pricing

Part #	Emitter Spacing	Emitter Flow	Roll Size	Flow/100' @10-50 PSI	Max Row Length	Price
DET95	9"	0.5 GPH	100'	67 GPH	300'	$39.95
DET95-500	9"	0.5 GPH	500'	67 GPH	300'	$174.95
DET91	9"	1.0 GPH	100'	133 GPH	190'	$39.95
DET91-500	9"	1.0 GPH	500'	133 GPH	190'	$174.95
DET125	12"	0.5 GPH	100'	50 GPH	450'	$34.95
DET125-500	12"	0.5 GPH	500'	50 GPH	450'	$149.95
DET121	12"	1.0 GPH	100'	100 GPH	250'	$34.95
DET121-500	12"	1.0 GPH	500'	100 GPH	250'	$149.95
DET181	18"	1.0 GPH	100'	67 GPH	350'	$32.95
DET181-500	18"	1.0 GPH	500'	67 GPH	350'	$129.95
DET241	24"	1.0 GPH	100'	50 GPH	400'	$29.95
DET241-500	24"	1.0 GPH	500'	50 GPH	400'	$119.95
DET361-500	36"	1.0 GPH	500'	33 GPH	550'	$109.95

Soil Type	Annuals, Ground Covers, Gardens		Large Bushes/Shrub Beds Perennials	
	Row Spacing	Emitter Spacing	Row Spacing	Emitter Spacing
Medium Sand	9" to 12"	9" or 12"	Spacing 15" to 18"	12"
Loam	12" to 18"	12" or 18"	Spacing 18" to 24"	18"
Clay Loam	18" to 24"	18"	Spacing 20" to 30"	18"
Clay	*Reduce to 15"	18"	Spacing 24" to 36"	24"

Easy Loc Fittings are easy to install and reuse.

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½" Easy Loc Fittings

Compatible with ½" drip tubing sized .680" - .720" OD.

½" Female Hose Start with Swivel

Use to attach mainline tubing to a faucet, hose end or the male hose threads of a filter or adapter. The most common way to start a system.

ELFH Female Hose Start..... $1.29

ELFH

½" Coupler

For joining two pieces of mainline tubing. A necessary repair part. Always have a few on hand.

ELC Coupler $0.79

ELC

½" Tee

Use to branch off mainline tubing.

ELT Easy Loc Tee $1.79

ELT

½" Elbow (90° bend)

Use this to go around a corner that might kink the mainline tubing.

ELL Easy Loc Elbow..... $1.39

ELL

½" Male Hose End with Cap

Used to end a line. The screw-off cap makes it easy to flush lines.

ELMC Male Hose End w/Cap..... $0.95

ELMC

½" Male Hose End

If you want to flush your lines after each watering, use with a flush valve (VFH, p. 25).

ELMH Male Hose End.....$0.79

ELMH

½" x ¼" Barb

Create a ½" branch line without using a Tee with this ½" x ¼" fitting. Flow through is approximately 80 GPH.
Not for use with ¼" tubing.

EL14B Easy Loc x ¼" Barb.....$1.29

EL14B

½" Valve

A full port inline valve with an easy to grip handle.

ELV12 Easy Loc Valve..... $1.95

ELV12

½" Female Hose Tee with Swivel

An easy way to attach two mainlines to one hose connection.

ELFT Female Hose Tee..... $1.95

ELFT

½" Female Hose Elbow with Swivel

For situations where there is no room to use a straight fitting to start a system.

ELFL Female Hose Elbow..... $1.59

ELFL

¾" Female Pipe Threads (No swivel)

Use to attach ½" mainline tubing to a ¾" Y filter (Amiad or Arkal) or any ¾" male pipe threads.

EL34F Female Pipe Threads.....$1.95

EL34F

½" Cross

A 4-way fitting for ½" mainline tubing. Does the work of two tees.

ELX Cross Fitting..... $2.95

ELX

½" Tubing Diameter

Use this circle to judge the size of your 1/2" tubing. Cut a 1" piece and hold it over the circle to be sure our fittings will fit your tubing.

irritec

Easy Loc Fittings are simple to work with...

¾" Easy Loc Fittings

Compatible with ¾" drip tubing sized .880" - .970" OD.

¾" Female Hose Start with Swivel
ELFH34 Female Hose Start..... $2.79

ELFH34

¾" Coupler
ELC34 Coupler..... $2.29

ELC34

¾" Tee
ELT34 Tee $4.79

ELT34

¾" Elbow (90°bend)
ELL34 Elbow $3.49

ELL34

¾" Male Hose End with Cap
ELMC34 Male Hose End with Cap 1.89

ELMC34

¾" Easy Loc Valve
ELSO34 Easy Loc Valve..... $3.79

ELSO34

¾" Male Hose End
ELMH34 Male Hose End..... $1.29

ELMH34

¾" x ½" Reducing Coupler
ELRC Reducing Coupler..... $2.39

ELRC

¾" x ¾" x ½" Reducing Tee
Use this to branch a ½" line off a ¾" line.

ELRT Reducing Tee $4.89

ELRT

½" x ½" x ¾" Reducing Tee
Use this to branch a ¾" line off a ½" line.

ELRT12 Reducing Tee..... $2.49

ELRT12

¾" x ½" Reducing Elbow -
ELRL Reducing Elbow..... $2.89

ELRL

¾" Female Hose Tee with Swivel
ELFT34 Female Hose Tee..... $4.49

ELFT34

¾" Male Hose Tee
ELMT34 Male Hose Tee $2.49

ELMT34

¾" Female Hose Elbow with Swivel
ELFL34 Female Hose Elbow..... $2.95

ELFL34

.940" OD

3/4" Tubing Diameter
Use this circle to judge the size of your ¾" tubing. Cut a 1" piece and hold it over the circle to be sure our fittings will fit your tubing.

More products available online at DripWorks.com

irritec

...and can be tightened by hand.

1" Easy Loc Fittings

Compatible with 1" Oval Hose (p. 7).

1" Female Hose Start with Swivel
ELFH1 Female Hose Start with Swivel $4.89

ELFH1

1" Coupler
ELC1 Coupler (necessary repair part) $2.49

ELC1

1" Tee
ELT1 Tee $5.49

ELT1

1" Elbow (90°bend)
ELL1 Elbow (90°bend) $4.29

ELL1

1" Male Hose End with Cap
ELMC1 Male Hose End with Cap.....$2.19

ELMC1

1" Male Pipe End
EL1MP1 1" Male Pipe End $1.69

EL1MP1

1" Socket
EL1SOC 1" Socket $1.69
(glues over 1" PVC pipe or into 1¼" PVC fitting)

EL1SOC

1" Spigot
EL1SPIG1 1" Spigot $1.69
(glues over ¾" PVC pipe or into 1" PVC fitting)

EL1SPIG1

1" x ¾" Reducing Coupler
ELRC134 1" x ¾" Reducing Coupler.....$2.59

ELRC134

1" x ½" Reducing Tee
ELRT112 1" x ½" Reducing Tee $5.95

ELRT112

1" x ¾" Reducing
ELRT134 1" x ¾" Reducing Tee $6.29

ELRT134

DRIPT!PS

Online Video!

How to Use Easy Loc Fittings

Start by turning the collar on the Easy Loc fitting counter clockwise until it tightens up to the body of the fitting. Slide the tubing over the barb as far as it will go toward the body of the fitting. Hot soapy water may be used to soften and lubricate the tubing. Once the tubing is in position, turn the collar clockwise until it is tight. Hand-tighten; use pliers to secure if necessary.

Call us at 800.522.3747

TORO

Aqua-Traxx®
with the PBX Advantage

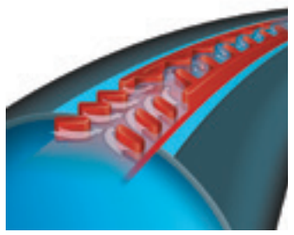
Drip Tape is economical and effective for watering long, straight row crops.

Growers Choice

Aqua-Traxx Drip Tape

Aqua-Traxx is perfect for row crops and raised beds. It offers a Proportionally Balanced Cross-Section (PBX) design which provides uniform distribution and reduces clogging.

- Low cost, effective watering for row crops and raised beds
- Superb watering efficiency and uniformity
- Ideal for above ground, mulched or buried applications
- Great for low pressure systems, works down to 4 PSI
- Only requires 155 mesh filtration (filters, p. 19-21)
- Use with ⅝" drip tape fittings (p. 13)
- Low operating pressures, see chart below (regulators, p. 50)
- Typically lasts up to 7 years when covered, and 2-5 years on the surface



Part #	Mil	Emitter Spacing	Flow Type*	Flow per 100' @ 8 PSI	Roll Length	Max Row Length**	Price Each
15 Mil-Maximum Pressure 15 PSI							
TA1508HSR	15	8" OC	High	40 GPH	1,000'	200'	$104.95
TA1508LSR	15	8" OC	Low	20 GPH	1,000'	380'	$104.95
TA1508H	15	8" OC	High	40 GPH	4,000'	200'	$279.95
TA1508L	15	8" OC	Low	20 GPH	4,000'	380'	$279.95
TA1512H	15	12" OC	High	27 GPH	4,000'	280'	$279.95
TA1512L	15	12" OC	Low	13 GPH	4,000'	550'	$279.95
8 Mil-Maximum Pressure 15 PSI							
TA804SR	8	4" OC	Med	60 GPH	2,000'	140'	$109.95
TA804	8	4" OC	Med	60 GPH	7,500'	140'	$279.95
TA808H	8	8" OC	High	40 GPH	7,500'	200'	$279.95
TA808L	8	8" OC	Low	20 GPH	7,500'	380'	$279.95
6 Mil-Maximum Pressure 12 PSI							
TA606	6	6" OC	Low	27 GPH	10,000'	280'	$304.95

DripWorks Drip Tape

100 foot rolls of drip tape in convenient flat boxes.

TDE804100 8 mil, 4" OC, Medium Flow $12.95
TDE1508L100 15 mil, 8" OC, Low Flow $12.95
TDE1508H100 15 mil, 8" OC, High Flow $12.95

See our Complete Row Crop Drip Kits on page 4.

MADE IN USA

irritec

Common ⅝" Tape Fittings

These easy-to-install, reusable fittings work with most brands of ⅝" tape.

LSB

Tape x ¼" Barb

For attaching tape to mainline tubing. Simply punch a ¼" hole in the mainline tubing, connect the tape to the tape fitting end and insert the barbed end into the punched hole. Allows a flow of approx. 80 GPH at 10 PSI.

LSB Tape x ¼" Barb $0.59

LSBSO

Tape x ¼" Barb with Valve

For shutting off individual lines. The ¼" barb's flow is approx. 80 GPH at 10 PSI.

LSBSO Tape x ¼" Barb w/Valve..... $2.29

LSC

Tape Coupler

For joining two sections of tape or repairing a line.

LSC Tape Coupler..... $0.89

LSPLUG

Tape End Plug

This fitting is used to seal a row of tape. A loop on the end provides a sure grip for easy handling.

LSPLUG Tape End Plug..... $0.49

LSCSO

Tape Coupler with Valve

LSCSO Tape Coupler with Valve..... $2.29

LSV12M

Tape x ½" Male Pipe Thread with Valve

LSV12M Tape x ½" MPT w/ Valve..... $2.29

LST

Tape Tee

LST Tape Tee..... $2.19

Tape Grip Sleeve End

LSGS $3.95/10

LSGS

Tape x PVC Adapter

For running tape directly off a PVC header. Glues onto ½" PVC pipe or into a ¾" PVC fitting.

LSSOC Tape x PVC Adapter $0.95

LSSOC

Tape x ½" Male Pipe Threads

When teeing off PVC or large poly pipe, use this for a high flow, removable row beginning. Ideal for long runs.

LS12M Tape x ½" MPT..... $0.89

LS12M

Tape x Male Hose Thread

LSM Tape x Male Hose Thread $0.79

LSM

Tape Elbow

For making sharp turns in a garden. Tape will not go around a 90° corner.

LSL Tape Elbow..... $1.89

LSL

Tape x Male Hose End with Cap

This fitting is used to end a line. The screw off cap makes it easy to flush lines.

LSMC Tape x Male Hose End with Cap... $1.19

LSMC

Tape x Female Hose Swivel

For attaching tape to a hose or hose bib or any other male hose threads.

LSF Tape x Female Hose Swivel $1.69

LSF

Tape x Easy Loc

For attaching tape to the end of ½" mainline tubing.

LSELC Tape x Easy Loc..... $1.49

LSELC

DRIPT!PS

How to Use Tape Fittings

1. Cut the end of the tape at a right angle.
2. Turn the locking ring counter clockwise until it seats against the body of the fitting.
3. Slip the tape completely over the large barbed end.
4. Twist the locking ring clockwise until tight. Use pliers if necessary.
5. Give the tape a firm tug to make sure it is securely attached.

Hint: Dip the end of the tape in a thermos of hot water to make it more pliable and help it seal.

Hint: First attach the tape to the large end of the ¼" Barb (LSB) and lock it in place. Then punch hole in the mainline and insert smaller barb.

DripWorks is proud to offer these great new products for your garden!

DIG Hose Solar Timer

The DIG Waterproof Solar Powered Timer is an environmentally friendly timer functioning only on clean, renewable, solar power without the need of a backup battery or AC power.

See page 53

Ferti-Maxx Water Soluble Fertilizers

Choose the right proprietary blend of organic supplements that best suits your garden's needs. .

See page 28

Rainbolt

The Rainbolt™ inline unit transforms your water quality to a healthier, more productive and energized state.

See page 34

Chat with us live at DripWorks.com

Dividing Your Irrigation System is Easy!

An irrigation system can be divided into multiple, smaller sections (zones) using header lines. Headers include a manual shutoff valve to allow zones to be watered separately. This is often necessary when there is not enough water flow (GPH - gallons per hour) to supply the entire system at once or when growing a variety of crops with different watering needs and harvest times. We offer two header packages which include the parts needed to add a ½" header line to your ½" or ¾" mainline tubing. Just order the appropriate length of ½" tubing (p. 7) to complete the headers.

Header package includes:

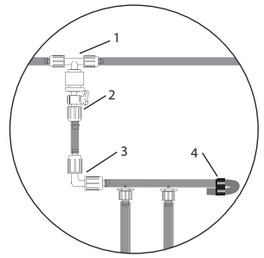
1. Female Tee (to branch off your mainline)
2. Male Adapter with Shutoff (to shut off the zone)
3. 90° Elbow (to make a right angle turn)
4. Figure Eight End (to seal off the end of the header)

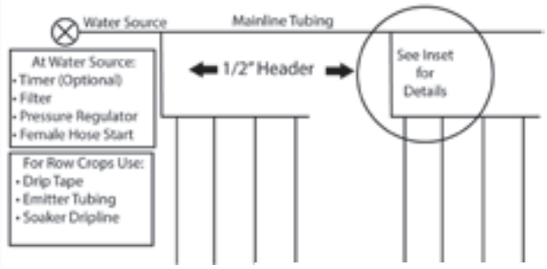
Simply order a roll of ½" or ¾" tubing (p. 7) to complete your headers!

KHA12 Header for ½" Mainline $6.95 $62.95/10
KHA34 Header for ¾" Mainline $8.95 $79.95/10

Note: Our Medium (KDT2) and Large (KDT3) Drip Tape Kits include a High Flow Hose Y (HYVHPL, p. 48) to divide the system into two zones which can be manually shut off. Headers add more versatility to any drip irrigation system-not just drip tape!

*Scan here to use our online flow calculator, or go to **DripWorks.com/category/calculators***





Cut ½" or ¾" tubing (not included) to desired length

Choose the right size tubing for your flow capacity.

Micro tubing is used as a branch line. Use to reach near by plants with emitters, sprayers, and sprinklers.

Adjustable Punch

The adjustable tubing guide will accept ½", ¾" polyethylene tubing and 1", or 1½" Oval Hose.

The stock tip included is the "large tip" (PUADJTLG) for making holes slightly larger than the standard ¼" size (LSB, LSBSO, and EL14B fittings). A standard ¼" tip (PUADJTSM) is also available at DripWorks.com.

PUADJ Adjustable Punch $22.95

Note: Adjustable Punch tool may vary in color.

¼" Micro-Tubing (30 GPH flow capacity)

Use in combination with ¼" fittings, mini-sprinklers or a mister on a stake to reach distant plants. Simply insert fittings and emitters into the end – no clamps needed.

¼" Polyethylene

(.170" ID - .250" OD) This is the standard ¼" tubing used with most emitters, mini-sprinklers and sprayers.

1450 50' Roll $4.95
14100 100' Roll $6.95
14500 500' Roll $29.95
141000 1000' Roll $49.95

¼" Vinyl (.160" ID - .220" OD)

Softer and more flexible than polyethylene. Do not use at high pressure (over 30 PSI).

14100V 100' Roll $7.95
14500V 500' Roll $29.95
141000V 1000' Roll $49.95

¼" White Polyethylene

(.170" ID - .250" OD)

Works great with light-colored trim, posts or when going up light-colored walls.

1450WV 50' Roll $8.95

⅛" Polyethylene Tubing (15 GPH flow capacity)

(.125" ID-.187" OD) Use with Spot Spitters (p. 33)

18100 100' Roll $4.95
18500 500' Roll $24.95
181000 1000' Roll $37.95

Create holes quickly and easily with punches.

More punches and tips can be found at: DripWorks.com/category/punches

Miracle Punch: "The Ultimate Punch"

This punch works like a staple gun. Slip the ½" or ¾" tubing completely into the channel and squeeze the handle. Makes a big job much easier. Popular with landscapers and commercial growers.

Online Video!

PUM Regular ¼" Punch $14.95
PUMK Large Hole Punch* $14.95

Replacement Tips

Colors may vary!

PUMTIP Regular ¼" (blue) $8.95
PUM18TIP Regular ⅛" (red) $8.95
PUMKTIP Large Hole (green)* $8.95

*For larger emitters such as Vibra-Clean (p.43)

Pocket Punch

Will easily punch holes for ¼" fittings or emitters into ½" mainline tubing. Has a holder to help when installing transfer barbs or certain emitters.

PUPKT Pocket Punch $8.95

Yellow Handle Punch

Works With Drip Tape!

Use for ¼" fittings and Tape x ¼" barb fittings (LSB or LSBSO, p. 13). The other end has a nut driver for inserting Mini-Jets (see p. 33).

PUY Yellow Handle Punch $6.95

Wood Handle Punch

Use for ⅛" or ¼" fittings.

PUW Wood Handle Punch $2.95

Tubing Cutter by Hydro-Rain

This tool is for cutting polyethylene tubing up to 1 ¼". Its sharp blade can also cut rubber and plastic pipe!

- Ergonomic grip
- Heavy duty
- Outdoor use only

POLYCUT $15.95

So versatile it can be used just about anywhere!

Online Video!

¼" Soaker Dripline

Ideal for small medium garden beds or containers

- Flexible, easy to use
- Emitters pre-installed every 6", 9", or 12"
- Great for Gravity-Fed systems, garden beds, containers, and border gardens
- Maximum operating pressure 30 PSI
- Works down to 2 PSI
- Uses standard ¼" fittings (p. 17)

¼" Soaker Dripline Pricing

Part #	Spacing	Price
DSD6L	6" Spacing/50' roll	$14.95
DSD6	6" Spacing/100' roll	$21.95
DSD6500	6" Spacing/500' roll	$102.95
DSD9	9" Spacing/100' roll	$19.95
DSD9500	9" Spacing/500' roll	$84.95
DSD12	12" Spacing/100' roll	$14.95
DSD12500	12" Spacing/500' roll	$71.95

Note: To ensure even flow, we recommend using a regulator with Soaker Dripline. See p. 50 for our 10-30 PSI regulators.

To prevent runoff on clay soils, reduce row spacing and water more frequently for shorter durations.

Soaker Dripline Flow per 100'

Spacing	Max Row Length	Flow (GPH)		
		10 PSI	20 PSI	30 PSI
6"	18'	84	120	160
9"	25'	56	80	107
12"	34'	42	60	80
Flow per emitter:		0.42	0.60	0.80

Miracle Insert Tool

A "must" for Landscapers! Saves time and prevents sore hands when inserting goof plugs or transfer barbs into ¼" tubing or Soaker Dripline. Not a punch.

PUINS Miracle Insert Tool.....$17.95

Online Video!

Essential components of any drip irrigation system.

Micro-Flow Valves

Make any mini-sprinkler or sprayer adjustable. Also use in place of transfer barbs to control the flow to individual plants. Use barbed valve with ¼" tubing and Soaker Dripline; threaded valve with Rigid Risers. One of our favorite ¼" fittings.

14VFV

14VFVT

14VFV-5 Barbed Valve..... $3.49/5
14VFV-20 Barbed Valve..... $12.95/20
14VFV-50 Barbed Valve..... $29.95/50
14VFVT-5 Threaded Valve..... $3.49/5
14VFVT-50 Threaded Valve..... $29.95/50

Goof Plugs

These plugs are a must if you punch a hole in the wrong place or need to remove an emitter from your mainline tubing. Also used as an end for ¼" tubing and ¼" Soaker Dripline (p. 16).

Two-Way Goof Plugs *Most popular!*

A plug with two sized barbs used to repair small or large holes in mainline tubing.

14GP2

14GP2-10 2-Way Goof Plug.....$0.60/10
14GP2-100 2-Way Goof Plug..... $4.95/100

One-Way Goof Plugs

The same size plug as the small end of the 2-way Goof Plug. For patching a hole where a ⅛" or ¼" barb was removed. Sits flat on the mainline tubing.

14GP1

14GP1-10 1-Way Goof Plug.....$0.79/10
14GP1-100 1-Way Goof Plug..... $5.95/100

⅛" Micro Fittings

For installing Spot Spitters (p. 33). Use a length of ⅛" tubing and a 1/8" transfer barb (18TB) or a reducing transfer barb (14RTB) to connect the emitter to the mainline tubing.

18TB-10 ⅛" Transfer Barb $1.49/10
18TB-50 ⅛" Transfer Barb $6.49/50
14RTB-10 ¼" x ⅛" Transfer Barb $2.39/10
14RTB-50 ¼" x ⅛" Transfer Barb $9.95/50
18T-10 ⅛" Tee $1.95/10
18T-50 ⅛" Tee $8.95/50

*Appearance of 14RTB may vary

Tidy Bow Elbow Clip

A simple leak proof way of redirecting and securing micro tubing. Create a 90 degree turn with ease!

14TIDY-10 .....$2.95/10
14TIDY-50 ..... $11.95/50

Common ¼" Micro-Fittings

These fittings are used with DripWorks standard ¼" micro-tubing. They are most frequently inserted into ½" or ¾" blank tubing using one of our punches (p. 15).

Transfer Barb

Our most common connector for attaching ¼" tubing to mainline (½" or ¾") tubing. Also acts as a coupler for joining two pieces of ¼" tubing.

14TB

14TB-10 .....$1.49/10 14TB-50 .....$6.95/50

Long Transfer Barb

A long body and tapered ends makes this ¼" transfer barb easier to handle than the short barb.

14LTB

14LTB-10 .....$1.49/10 14LTB-50 .....$6.29/50

Elbow

Use anywhere you need the tubing to turn a 90° angle.

1490

1490-10 .....$1.95/10 1490-50 .....$7.95/50

Tee

For branching off ¼" tubing.

14T

14T-10 .....$1.95/10 14T-50 .....$7.95/50

Cross

A four way fitting for ¼" tubing. Does the work of two tees!

14X

14X-10 .....$3.95/10 14X-50 ..... $17.95/50

Bug Plug

When using ¼" tubing on the outlet side of emitters, a Bug Plug at the end allows water to flow out but keeps bugs from getting in and clogging lines. Not for regulating flow!

14BUG

14BUG $0.99/10 ..... $9.95/100

Female Hose Thread x ¼" Fittings

Use these fittings to connect a single line of ¼" poly tubing to the male hose threads on a faucet, filter, timer or hose.

H14CP

H14BSFW/H14BS

H14CP ¼" Compression w/Screen Washer...$1.95
H14BSFW ¼" Barb with Screen Washer $1.39
H14BS ¼" Barb without Screen Washer...$0.59

*Select H14BSFW or H14BS for use with vinyl tubing

14QCCP

¼" Quick Disconnect Fittings

Change out any ¼" (.250" OD) line without cutting.

14QCT

14QCCP ¼" Coupler $2.39/each.... $23.95/10
14QCT ¼" Tee $3.29/each..... $32.95/10

Keep your watering devices where they belong.

EZ Stake – Top Seller!

A clip stake with 3' of heavy-wall vinyl ¼" tubing and transfer barb attached. Just add a sprayer or mister.

STEZ13 13" EZ Stake $5.95/5.....$89.95/100
SEZ17 17" EZ Stake $7.95/5..... $119.95/100

Clip Stake – Clip holds Rigid Risers or ¼" tubing.

ST13 13" Clip Stake $2.95/5.....$43.95/100
S17 17" Clip Stake $3.95/5.....$59.95/100

Straight Stake

Slender, streamlined stake has a groove to hold ¼" polyethylene tubing or a Rigid Riser.

Not compatible with our ¼" vinyl tubing.

SA8-5 8" Straight Stake $2.69/5
SA12-5 12" Straight Stake $3.29/5
SA16-5 16" Straight Stake $6.95/5
SA21-5 21" Straight Stake $7.95/5

Riser Elbow and Angle Stakes

Use a length of Rigid Riser or ¼" tubing (up to 2") to connect a mister or sprayer to the top of these stakes. Attach to mainline with ¼" tubing and transfer barb. The 7" stake (SV) has an adjustable control valve.

SV 7" Elbow Stake w/ Valve $3.95/5...$59.95/100
STEL-5 8" Angle Stake.....$3.49/5
STEL-50 8" Angle Stake.....$29.95/50

Rigid Riser

A rigid, thick-walled ¼" tube for elevating sprayers or mini-sprinklers. Just cut to desired length with pruners or a knife. Support with stabilizer, straight or clip stakes. Use with threaded fittings. Barbs are difficult to insert.

SR12 12" Rigid Riser $0.85/5.....$14.50/100
SR18 18" Rigid Riser $1.30/5.....$24.50/100

Stabilizer Stake

Metal stake with loop at top for supporting Rigid Risers (see photo at right).

SS14 14" Stabilizer Stake $2.95/5.....$45.00/100

Threaded Connectors

Thread by barb connector. Used to connect Rigid Risers to mainline or ¼" tubing. Insert threaded end of connector into Rigid Riser. Can also be used to connect ¼" tubing to PVC. (10/32 thread)

14WTBC-10 Threaded X Barb Connector $1.95/10
14WTBC-50 Threaded X Barb Connector $7.49/50

Threaded Connector Thread into mainline tubing to keep short Rigid Risers in an upright position. (10/32 thread)

14WTTB-10 Threaded Connector $1.69/10
14WTTB-50 Threaded Connector $7.49/50

Hold downs keep tubing neatly in place and prevent it from being moved accidentally.

3" Hold Down

A U-shaped stake to keep ¼" tubing and emitters in place. Great for Soaker Dripline.

SS3-10 3" Hold Down $1.49/10
SS3-100 3" Hold Down $10.95/100

5" Hold Down

A J-shaped stake to keep emitters and ¼" tubing in place.

SS5-10 5" Hold Down $1.49/10
SS5-100 5" Hold Down $10.95/100

U-Shaped Wire Hold Downs

Stronger than the SBHD, these 6" galvanized hold downs work well in light or heavy soils. For 1/2" and 3/4" tubing.

SUHD-10 U-Shaped Wire Hold Downs $1.49/10
SUHD-100 U-Shaped Wire Hold Downs $11.95/100

J-Shaped Wire Hold Downs

For 1/2" mainline or drip tape, these 7" stakes are pre-bent and easy to use in most soils.

SBHD-10 J-Shaped Wire Hold Downs $1.49/10
SBHD-100 J-Shaped Wire Hold Downs $11.95/100

5½" Support Stake - A sturdy hold down for ¼" tubing. Can be hammered into the ground.

SD5 5½" Support Stake .....$1.95/10....$14.95/100

6" Support Stake - Works for ¼" and 1/8" tubing.

Stakes elevate and hold micro-tubing. They keep bugs and dirt out of tubing and raise the emitters for easy inspection.

SS6-10 6" Support Stake $2.49/10
SS6-50 6" Support Stake $9.95/50

Support Clamps With Nails

Plastic clamps with stainless steel nails for attaching ¼" or ½" tubing to wood surfaces.

S14SC-10 Clamps for ¼" Tubing $1.69/10
S14SC-50 Clamps for ¼" Tubing $6.95/50
S12SC-10 Clamps for ½" Tubing $3.69/10
S12SC-50 Clamps for ½" Tubing $14.95/50

Trellis Hangers

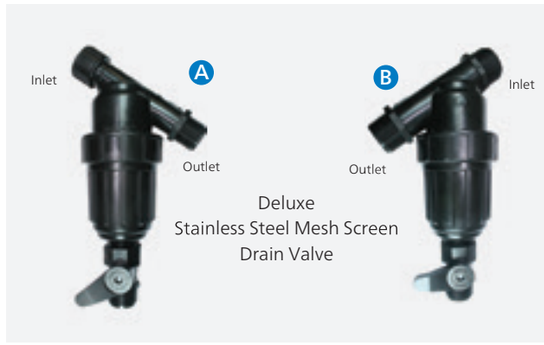
UV-resistant plastic hangers used to suspend ½" or ¾" tubing on trellis wire. These hangers are used in vineyards, orchards, and greenhouses.

STRE ½" Trellis Hangers $1.20/10 ..... $11.00/100
STRE34 ¾" Trellis Hangers $3.00/10..... $27.00/100

Support Stakes position mini-sprinklers, sprayers and misters above plants to water evenly without obstruction. EZ, clip and straight stakes can be hammered into the soil.

These filters provide a sure way to prevent a clogged system.

irritec



Irritec Hose Thread Y Filters *see product A*

With Stainless Steel Screen and Drain Valve. These filters should be installed after timers or valves. They cannot be left under constant pressure. Maximum pressure is 120 PSI. To clean, simply unscrew bottom canister and remove the screen. FHT swivel inlet x MHT outlet.

FYCH 155 Mesh 13 GPM.....$13.95
FYCH200 200 Mesh 13 GPM.....$13.95

Male Pipe Thread Y Filter *see product B*

With Stainless Steel Screen and Drain Valve.

FYCP34155 ¾" MPT 155 Mesh 13 GPM $12.95
FYCP34200 ¾" MPT 200 Mesh 13 GPM $12.95
FYCP1155 1" MPT 155 Mesh 13 GPM.....$12.95
FYCP1200 1" MPT 200 Mesh 13 GPM.....$12.95

Filter/Pressure Regulator Combo

This combination filter/pressure regulator has a ½" FPT inlet allowing it to be installed onto a ½" MPT riser and comes with 2 female hose starts. The cap on the unit can be removed for a second outlet and ½" poly tubing can be run off both sides. 5 GPM flow rate. Max inlet pressure 60 PSI.

FPR17 150 Mesh Filter/30 PSI Regulator Combo
..... $29.95

Tee Filter

Use for smaller systems with clean water (9 GPM or less, up to 80 PSI). FHT swivel inlet x MHT outlet. To clean the stainless steel screen, just remove the hose cap and pull it out.

FT 150 Mesh Tee Filter $9.95
FTE 150 Mesh Replacement Screen (Black) ...$5.95
FT200 200 Mesh Tee Filter $10.95
FTE200 200 Mesh Replacement Screen (Red).....$6.95

Filtration Comparison Chart

Mesh	Micron	Sand #
50	280	N/A
100	152	11
150	104	16
200	73	20

There are two common terms used to rate filtering capability. The first is MESH, the number of wires per inch. The second is MICRON, the maximum particle size that can pass through. As mesh size increases, micron size decreases. Media filters require different sized sand for different applications.

DRIPT!PS

How to Select a Filter

Filters are protection against sediment and other particles large enough to affect the performance of a drip system. A filter should be selected according to the quality of the water source and the flow rate (gallons per minute) of the irrigation system.

- Screen filters are best for removing sediment and debris.
- Disc filters are best for removing algae and organic matter.
- Sand media filters are designed to remove organic matter from very large irrigation systems.

The higher the mesh number of the screen or disc set, the finer the filtration. Most drip systems require only 120-150 mesh, while misters and some drip tape products require a 200 mesh filtration.

A larger filter has more surface area and lasts longer between cleanings. Large filters have pipe threads on the inlet and outlet and can withstand the constant pressure of being installed before timers and valves. Filters on this page are hose threaded (FHT X MHT) and are commonly used for smaller irrigation systems. They are not rated for use under constant pressure and must be placed after automated timers or valves.

We only warranty systems that use a proper filter.

Amiad Filters: The solution for debris and sediment.

Amiad has a reputation for making some of the best-engineered filters in the world. All have stainless steel screens, male pipe threads (MPT) on the inlet and outlet, and can handle the constant (static) pressure of being installed before automated timers and valves. Great for debris and sediment.

Standard Amiad Filters

Heavily reinforced frame can handle pressures up to 140 PSI.

Part #	Filter Size (MPT)	Mesh	GPM	Filter Area Sq In	Price
FAM34	¾"	155	13	17	$28.95
FAM34200	¾"	200	13	17	$28.95
FAM1	1"	155	30	26	$69.95
FAM1200	1"	200	30	26	$69.95
FAM112	1½"	155	66	26	$94.95
FAM112200	1½"	200	66	26	$94.95
FAM112SU	1½"	155	66	52	$139.95
FAM112SU2	1½"	200	66	52	$139.95

Note: Amiad Standard 1" and 1 ½" use the same size screens.

Amiad Tagline Filters

Lower cost alternative can handle pressures up to 110 PSI.

Part #	Filter Size (MPT)	Mesh	GPM	Filter Area Sq In	Price
FAMCP34	¾"	155	13	17	$19.95
FAMCP34200	¾"	200	13	17	$19.95
FAMCP1	1"	200	20	17	$25.95
FAMCP112	1½"	155	66	52	$84.95
FAMCP112200	1½"	200	66	52	$84.95
FAMCP2155	2"	155	110	72	$179.95
FAMCP2200	2"	200	110	72	$179.95

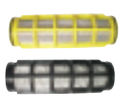
Note: ¾" and 1" Amiad Tagline Filters both use ¾" Amiad Screens.
1½" Amiad Tagline Filters use 1½" Amiad Super Screens.

Amiad® 2" Super "T"

Constant pressure filters with a double-size screen (108 sq in) for twice the filtering area.

Max Flow: 110 GPM
Max Pressure: 145 PSI

FAM2ST155 155 Mesh $329.95
FAM2ST200 200 Mesh $349.95



155 Mesh (Yellow)

200 Mesh (Black)

Amiad Replacement Screens

Part #	Filter Size (MPT)	Mesh	Color	Filter Area Sq In	Price
FAME34155	¾"	155	Yellow	17	$19.95
FAME34200	¾"	200	Black	17	$19.95
FAME1155	1" or 1½"	155	Yellow	26	$49.95
FAME1200	1" or 1½"	200	Black	26	$49.95
FAME112155S	1½" Super	155	Yellow	52	$79.95
FAME112200S	1½" Super	200	Black	52	$79.95
FAME2S155	2" Super T	155	Yellow	108	$208.95
FAME2S200	2" Super T	200	Black	108	$245.95

Note: Amiad Standard 1" and 1 ½" use the same size screens.

Our Algae Disc Filters are rated for constant pressure.

Arkal Disc Filters

One of the finest disc filters on the market. If you have organic matter such as algae in your water supply (pond, creek, lake, river) this is the answer! The stacked discs in the Arkal filter are more durable and easier to clean than screens or cartridges. Discs must be removed from the filter body for cleaning. Maximum pressure is 140 PSI. Not for sediment.
The ¾" Arkal is not available in 200 Mesh.

Arkal Disc Filters

Part #	Filter Size (MPT)	Mesh	GPM	Filter Area Sq. In.	Price
FA34	¾"	140	12	24.8	$27.95
FA1	1"	140	26	48.9	$75.95
FA1200	1"	200	26	48.9	$74.95
FA112140	1½"	140	35	48.9	$116.95
FA112200	1½"	200	35	48.9	$116.95

Arkal Replacement Disc Sets

Part #	Filter Size (MPT)	Mesh	Color	Filter Area Sq In	Price
FAE34140	¾"	140	Black	24.8	$17.95
FAE1140	1"	140	Black	48.9	$36.95
FAE1200	1"	200	Green	48.9	$36.95

Note: 1" and 1½" Arkal filters use the same size disc set.

Arkal 2" Dual Lite Disc Filters

This filter is substantially larger than any of our other screen or disc filters. The filtering area is almost twice as large as the Arkal 1½" filter.
Not for sediment.
Max Pressure: 115 PSI
Length: 16 5/16" Width: 10¼"
Weight: 6.6 lbs
Distance between inlet and outlet: 10¼"

Arkal 2" Dual Lite Disc Filters

Part #	Filter Size (MPT)	Mesh	GPM	Filter Area Sq In	Price
FADL2140	2"	140	110	147	$242.95
FADL2200	2"	200	110	147	$242.95

Arkal Replacement Dual Lite Disc Sets

Part #	Filter Size (MPT)	Mesh	GPM	Filter Area Sq In	Price
FAEDL140	2"	140	Black	147	$139.95
FAEDL200	2"	200	Green	147	$139.95

Arkal Super Disc Filters

Designed for larger drip systems or where the water has more algae or other organic debris. The disc set is almost twice the size of a standard Arkal filter, providing a much larger filtering capacity and a higher flow. Maximum pressure 140 PSI. Not for sediment.

Arkal Super Disc Filters

Part #	Filter Size (MPT)	Mesh	GPM	Filter Area Sq In	Price
FA1140SUP	1"	140	35	86.5	$109.95
FA1200SUP	1"	200	35	86.5	$109.95
FA112140SU	1½"	140	52	86.5	$154.95
FA112200SU	1½"	200	52	86.5	$154.95

Arkal Replacement Super Disc Sets

Part #	Filter Size (MPT)	Mesh	Color	Filter Area Sq In	Price
FAE1140SU	1" or 1½"	140	Black	86.5	$59.95
FAE1200SU	1" or 1½"	200	Green	86.5	$54.95

Note: 1" or 1½" Arkal filters use the same size disc set.

Media (Sand) Filters

Sand filters remove organic debris from water in creeks or irrigation ditches. The tank's design keeps the sand bed level for even water flow and efficient filtration. When debris builds up on the sand, simply switch to the manual backwash cycle for easy cleaning. Backwash water must be filtered; we recommend an Arkal filter for ponds with algae. Use #11 silica sand for normal applications and #20 for drip tape requiring a 200 mesh filter.

Note: Sand is available at many building supply stores.

- Maximum inlet pressure for all units: 50 PSI
- 1½" FPT inlets and outlets
- Minimum backwash flow: 17 GPM
- Sight glass, pressure gauge and air bleed valve are standard
- Non-corroding, seamless fiberglass tank
- 1-year tank warranty

Media (Sand) Filter

Sand: 175 lbs
Max Flow: 40 GPM
Tank diameter: 19½" Height: 47"
Filtering Area: 1.8 sq ft (259 sq in)

FMED40 .....$439.95

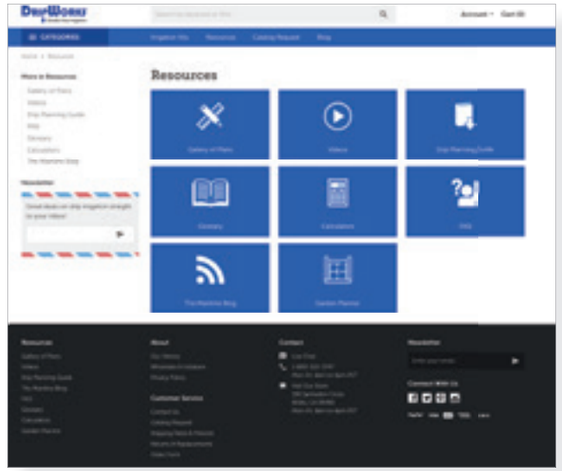
Media (Sand) Filter

Sand: 225 lbs
Max Flow: 50 GPM
Tank diameter: 21½" Height: 51½"
Filtering Area: 2.3 sq ft (331 sq in)

FMED50 ..... $479.95

Take advantage of our free online resources.

On-demand tools at no cost to you!



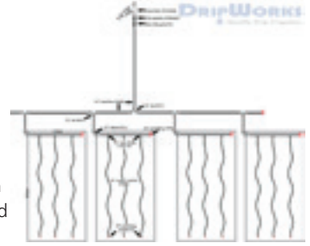
Drip Planning Guide

Careful planning and quality products are the keys to a successful drip irrigation setup. This guide provides all the information you'll need in a very well written and laid out format.

Scan here to download our Free Drip Planning Guide.

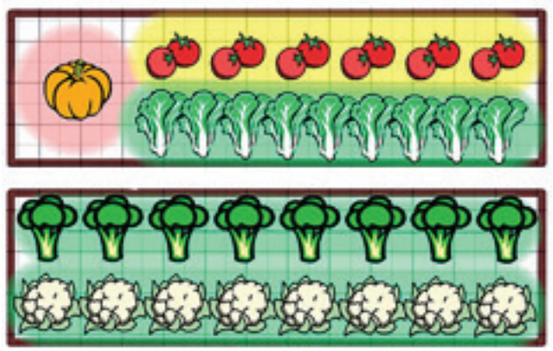
Gallery Of Plans

This easy-to-understand online resource shows you the exact sequence and parts necessary to set up a drip system for your yard, garden or farm. It takes the guesswork out of placing an order and can be customized to fit most situations.



The Best Way to Plan Your Vegetable Garden

The Garden Planner provides you the data needed to plan the perfect garden. Experiment with different garden layouts, and get information on frost dates; the planner will show you the best planting times for your area and crops.



Online Calculators

These calculators take the guesswork out of planning your drip system or planning to install a pond liner.

- Flow Estimator
- Pond Liner Estimator
- Fertilizer Estimator
- Drip Tape Estimator

How-to Videos

Almost 100 videos will help show you how to set up a drip system, how to setup all of our kits, and how to measure and install a pond liner. See many of our emitters and sprayers in action, guides to programming a timer, and customer garden videos. All are a must see!

Our Guarantee: An unconditional promise to serve you fairly.

Three Easy Ways to Order

1. **ONLINE** at DripWorks.com
2. **PHONE** us toll free at 800.522.3747

   March-June 30 — M-F 7 am - 5 pm PST, Sat. 7 am -12 pm PST
   July-Feb 28 — M-F 8am -4pm PST, Closed Sat and Sun
3. **VISIT** our retail store and demo garden in Northern California. DripWorks,190 Sanhedrin Circle Willits, CA 95490
   Store hours M-F, 9am-4pm PST

Delivery Information

We typically ship orders within 24 hours. We will notify you if an item is backordered.

Shipping Options

Ground Delivery Service
The map at the left shows UPS delivery time in number of working days (does not include weekends). For shipping rates go to DripWorks.com

Need It Yesterday? Call By 1 PM Pacific Time
We offer UPS Next Day, 2nd Day and 3-Day Select. Call for rates. Expedited rates will be calculated for online orders.

U.S. Priority Mail
Our standard shipping method for small shipments that weigh under 2 pounds is Priority Mail. Orders are charged a $9.00 flat rate. Small orders of 0.4 pounds or less are shipped via First Class.

AK,HI, PR, VI, and Canada orders are shipped via USPS. There is a $10.00 handling fee for orders to Canada.

General email: support@DripWorks.com

Returns: returns@DripWorks.com

30-Day Money Back Guarantee

At DripWorks, we offer a 30 Day Money Back Guarantee on any new, unopened, unused product return received within 30 days after the original shipping date (not including original shipping and handling charges). All items must be in their original packaging. Return shipping is the responsibility of the purchaser. Claims of missing or damaged items should be reported within 48 hours. Please inspect your entire order immediately upon delivery and call us with any questions at 800.522.3747.

New, unused items returned within 31-60 days of original shipment will be charged a 20% restocking fee.
New, unused items returned within 61-90 days of original shipment will be charged a 30% restocking fee.

SPECIAL/CUSTOM ORDERS: Special orders and custom orders are non-returnable, except in cases of manufacturer defect.

DROPSHIPPED ITEMS: Customer will be charged actual freight. Call for quote.

DEFECTIVE ITEMS: If an item is covered under our 30 Day Money Back Guarantee, we will refund or replace returned items we determine to be defective. If an item is outside of that time period, it may still be covered under the manufacturer's warranty. Please contact us at 800.522.3747, M-F 8am -4pm with any questions. Any products used on an unfiltered system are not covered under manufacturer warranty and will not be accepted for return.

UNDELIVERABLE/UNCLAIMED PACKAGES: All orders returned as undeliverable or unclaimed may be charged a 15% restocking fee plus shipping charges.

DripWorks RETURNS/EXCHANGES PROCESS
1. Fill out the requested information on the return/exchange form included with your original shipment
2. Indicate whether you want a refund or exchange of items
3. Ship product and completed form back to DripWorks

DripWorks PHONE EXCHANGES: NEED IT NOW? Call our support staff, 8am-4pm and let us know what you need to reorder and we will be happy to place a new order for you right away. Your credit card will be charged for the new order and we will refund you for the return when it is received and processed. You are responsible for any return shipping and handling.

Our overhead irrigation...

Senninger

USA

Inverted Mini Wobbler

- Specially designed for overhead applications.
- Great for seed propagation
- Fine spray and outstanding uniformity
- Base: ½" MPT
- Flow: 45-75 GPH
- Optimal Pressure: 20-25 PSI

Part #	Nozzle Color	At 20 PSI GPH	At 20 PSI Diameter*	At 25 PSI GPH	At 25 PSI Diameter*	Price
MWIG	Gold	66/GPH	34 ft	75/GPH	34.5 ft	$4.95
MWIBG	Beige	45/GPH	32 ft	50/GPH	32.5 ft	$4.95
MWANTI (not shown)	Anti-Drip Add-On (Sprinkler head sold separately)					$5.98

* Diameter at 6' above beds.

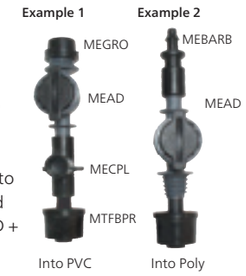
Anti-Drip Devices for Hanging Misters and Sprinklers

In greenhouses with overhead irrigation, each sprinkler or mister assembly needs an anti-drip device to prevent damage to plants directly below. All parts have press-fit ends for easy installation. Use with Mini-Sprinkler Heads (p. 38) or Tornado Misters with press-fit bases (below). *Note: The anti-drip device works in either direction. See examples at right. 10 PSI Minimum to open.*

MEAD	Anti-drip (Minimum 10 PSI)	$1.89
MEGRO	Grommet for PVC insertion	$0.45
MECPL	Press-fit coupler	$2.49/10
MEBARB-5	Barb for poly insertion	$1.69/5
MEBARB-100	Barb for poly insertion	$14.95/100
MTFBPR	Black Tornado Mister (low flow) 5.5 GPH/4' diameter at 40 PSI	$2.95/5

Example 1: A 7/16" hole is drilled into PVC, MEGRO inserted, and MEAD threaded into the grommet. Press-fit coupler (MECPL) joins the anti-drip device to the press-fit mister.

Example 2: A hole is punched into poly tubing (punches, p. 15) and the assembled MEBARB + MEAD + press-fit mister is inserted.



We offer quality greenhouses and high tunnels to our customers at factory-direct pricing! Find what's right for you at: DripWorks.com/greenhouses

Products available online at DripWorks.com

...and greenhouse must-haves.

One flat, one stacking assembly joined together.

Woodpecker Multi-Outlet Dripper Assembly

Use these assemblies to split the flow of one Woodpecker or Woodpecker Jr (p. 43) into 4 or 8 containers. Reduces flow and saves money. Great for greenhouses and nurseries.

- Attaches to the outlet of the emitter
- Each assembly includes two 18" and two 30" tubes with Arrow Drippers attached
- DMWASS is for four outlet only
- DMWST is a stackable assembly

DMWASS	4-Way Flat Assembly	$2.79
DMWST*	4-Way Stackable Assembly	$2.79

*Use with DMWASS for 4 more containers

Woodpecker Emitters Not Included

PDB12CLEAR

PDB12BW

Greenhouse Material 12 Mil Black/White 12 Mil

Allows up to 80% UV transfer.

A reinforced double sided cover for use in light deprivation systems and as a cover (tarp) for smooth surfaces.

This material allows up to 80% UV transfer. Material is cut to size at the factory to your specifications and is priced by the square foot (sq. ft.). One-piece can be fabricated in sizes up to 150,000 sq. ft. Greenhouse material under 1,000 sq. ft. will be charged an additional $40.00 handling fee.

- Tear and Puncture resistant
- Fast shipping
- Custom cut to your specifications
- Bursting strength 280 PSI; PDB12BW Bursting Strength 350 PSI
- Max size 150,000 (sq. ft).
- Warranty 5 years (UV damage): PDB12BW Warranty 2 years

PDB12CLEAR	$0.27
PDB12BW	$0.23

Help shield plants and crops from the cold.

See below for useful tips on winterizing your drip system.

GCI Rowcover

GCI Row cover shields plants from frost, cold, wind and insects. It is an easy way to prolong the growing season both spring and fall. Available in two weights for use on row crops, garden beds, shrubs, individual fruit trees and deck containers.

GCI Lightweight Frost Protection

- Jumpstart or prolong the growing season
- Increase yields
- Protect plants from frost, wind, and insect damage

GC05750	7' x 50'	$18.95
GC057250	7' x 250'	$49.95
GC057500	7' x 500'	$99.95
GC0571000	7' x 1000'	$199.95

Flush Valves

The flush valve opens when pressure drops below 2.5 PSI to drain standing water in the supply lines and prevent prolonged dripping on your plants and seedlings.

VFH	Female Hose Thread	$1.29
VFP	¾" Female Pipe Thread	$1.29

GCI Mediumweight Frost Protection

- Use on nursery stock, vegetables, berries and bedding plants
- Protects from frost, wind and insect damage

GC10750	7' x 50'	$23.95
GC107250	7' x 250'	$114.95
GC107500	7' x 500'	$159.95
GC1071000	7' x 1000'	$314.95

Loop Hoops for Rowcovers

Heavyweight galvanized steel hoops have "no knot tie loops". Simply run string through the loops and down the full length of the bed to help support row cover fabric.

Approximate dimensions: 24" H x 16" W

AGHOOP	$29.50/10	$260.00/100

DRIPT!PS

6 tips to winterize your system

In most parts of the country there is a real concern about freezing and frost damage to a drip system during winter. There are two areas of concern: the beginning of the system (timer, valves and filter) and low spots in the system where water may settle.

1. Battery timers, filters and regulators should be brought indoors. Battery timers should have the batteries removed.
2. When the filter assembly is removed, use the HPLUG (p. 48) to plug the beginning of the mainline tubing or use a plastic bag over the opening. Do not leave lines open!
3. After the main water supply is shut off, open all manual valves and set automated valves to manual open. Remove all end fittings, drain any water and then loosely replace the ends.
4. Tubing itself is not damaged by freezing, but fittings may crack if water is left in them. Elevate line slightly to insure that all the water drains out of the fittings.
5. For low spots in the mainline tubing, either use a flush valve or insert an emitter at the lowest point. As long as the tubing is not full of water there should be no damage.
6. Another practice is to blow compressed air through the lines after opening the end cap.

Call us at 800.522.3747

A pond allows you to enjoy your garden or landscape even more. It all starts with a high-quality pond liner.

EPDM Rubber Pond Liner

The most flexible and natural looking pond liner.

- Ideal for water gardens including waterfalls and streams
- The most flexible waterproof barrier for indoors or out
- UV stabilized for up to 20 years exposed to the sun

Shipping Instructions for Rubber Liners

Shipping is not included in the prices at right. Please call 800.522.3747 for a freight quote and estimated delivery time.

- Shipping is based on actual freight charges
- Liners under 150 lbs are shipped via UPS
- Liners over 150 lbs are shipped by common carrier
- Someone must be present to inspect and accept delivery by common carrier. If you cannot unload the liner yourself, you will need to request a liftgate. Additional fees apply.
- Before signing the freight bill, inspect the liner to make sure it is the correct size and is undamaged.
- Shipping to a commercial site with equipment for unloading is recommended and can save money on freight charges.

EPDM Rubber Liner Call 800.522.3747 for freight quote			
Part#	**Dimension**	**Weight lbs**	**Price**
PDEPDM520	5 x 20	30	$139.00
PDEPDM550	5 x 50	83	$259.00
PDEPDM5100	5 x 100	165	$479.00
PDEPDM1010	10 x 10	28	$119.00
PDEPDM1015	10 x 15	45	$169.00
PDEPDM1050	10 x 50	165	$495.00
PDEPDM1515	15 x 15	63	$249.00
PDEPDM1520	15 x 20	84	$345.00
PDEPDM1525	15 x 25	105	$429.00
PDEPDM1550	15 x 50	225	$725.00
PDEPDM2020	20 x 20	112	$445.00
PDEPDM2025	20 x 25	165	$545.00
PDEPDM2030	20 x 30	180	$629.00
PDEPDM2050	20 x 50	300	$925.00
PDEPDM2530	25 x 30	225	$805.00
PDEPDM3030	30 x 30	270	$956.00

EPDM repair products and accessories are available at DripWorks.com

In the photo above, geotextile has been installed as an underlayment to protect the liner from rocks and sharp objects. The pond liner will then be unfolded over the geotextile.

Measure

Install

Enjoy!

Geotextile Pond Liner Protective Material

Also used for:

- Site drainage
- French drains
- Leach field gravel covering
- Erosion control
- Use under Poly liners when necessary

Non-woven geotextile fabric is a puncture resistant, cost effective, long term solution for protecting EPDM or Poly liners. Used as pond liner underlayment, the soft, 8 oz fabric (like a wool blanket) protects liners from large rocks and other sharp objects that may be hidden in the soil (sharp gravel, tree branches, glass, metal, etc.).

Unlike sand, the fabric adheres to the steep sides of an excavation before, during and after liner installation. Also used as an overlayment around the perimeter of the pond to protect the liner from sun. Easy to install and truly a smart preventative "insurance" buy.

Geotextile Pricing			
Part #	**Size**	**Size**	**Price**
PDGEOB1515	Bundle	15' x 15'	$69.95
PDGEOB1525	Bundle	15' x 25'	$111.95
PDGEOB1575	Bundle	15' x 75'	$249.95
PDGEOR15	Roll	15' x 300'	$989.95
Call 800.522.3747 for freight quote			

Select the right products and materials for installing and maintaining a healthy, thriving pond.

Sizing a Pond Liner	Small Pond	Large Pond
Length and Width	10' x 15'	40' x 60'
Average Depth of Pond	3'	10'
2 x Depth added to Length and Width =	16' x 21'	60' x 80'
Add for Apron	4'	10'
Final Dimensions	20' x 25'	70' x 90'
Total Square Feet = (length x width)	500 sq ft	6,300 sq ft

Liners under 1,000 sq. ft. will be charged an additional $40.00 handling fee.

Reinforced Poly Pond Liners

For the highest quality water containment with the longest lasting material, our reinforced poly liners are the best choice. Made to order at the factory, they usually ship within days allowing extremely fast installation. The liner is rolled onto a core with an unroll strap and, if possible, shipped directly to the site.

- The strongest, most flexible reinforced poly liners!
- High puncture resistance and tear strength
- Minimum 20-25 year life when covered

We strongly recommend you see and handle samples before ordering your liner. Call 800.522.3747 for free samples of Reinforced Polyethylene, EPDM or Geotextile.

Online Video!

Reinforced Polyethylene Pond Liners				
Reinforced Polyethylene	**20 mil PDB20**	**24 mil PDB24**	**30 mil PDB30**	**40 mil PDB40**
Square foot price	.31	.39	.49	.61
Lbs/1,000 sq ft	75	95	135	138
Max size (sq ft)	100,000	75,000	80,000	40,000
Expected life in years (exposed)	10	10	12	15
Warranty (covered)	20 yrs	20 yrs	20 yrs	20 yrs

The Block Bio-Water Treatment

The Block is a blend of live beneficial bacteria and enzymes designed to improve water quality by reducing unwanted nutrients. The Block will dissolve away organic sludge and reduce noxious odors caused by hydrogen sulfide, dead plant material, and fish waste. For initial application use twice the normal dose (no risk of over application). Retreat with recommended dosage every 30-60 days as needed.

- All natural and environmentally friendly
- Increase water quality and clarity
- Effective over a wide range of pH conditions and water temperatures
- Use in water temperatures of 50 degrees or higher
- Ideal when combined with aeration
- 8 lb. of pellets can treat up to 28,000 square feet of water

PDBLOCK8 (8lb. bag, pellets).....$169.95
PDBLOCK1 (1lb. block).....$29.95
PDBLOCK5 (5lb. block).....$89.95

Pond Size (4-6 Foot Average Depth)	The Block Application
1 Acre (325,851 gallons)	1 lb (16 ounces)
5 Acres (1,629,257 gallons)	5 lb (80 ounces)

How to Determine Total Number of Gallons in a Pond.
Length x Width X Average Depth= Total Cubic Area of Pond
Total Cubic Are X 7.5 Gallons= Number of Gallons in Pond.
See pond calculator at DripWorks.com

The Blue Dye

Pond Logic Pond Dye safely colors a beautiful shade of blue and protects your pond. Nature's Blue is ideal for decorative ponds of all sizes. Its powerful concentrated formula allows each quart of Pond Logic to treat more than a gallon of other pond dyes.

- 4x Concentrated quarts can treat up to 1 acre-foot of water
- No mixing required
- Enhance your ponds aesthetic appeal
- Safe for fish, plants, pets, and pond wildlife
- No restrictions on swimming, irrigation or fishing

PDBLUE32 1 quart.....$34.95

Pond size (4-6 Foot average depth)	Application (purge)
1/4 Acre (81,462 gallons)	8 - 16 ounces (1/4 - 1/2 Quart)
1/2 Acre 9162,925.7 gallons)	16 -3 2 ounces (1/2 - 1 Quart)
3/4 Acre (244,388 gallons)	24 - 48 ounces (3/4 - 1 1/2 Quart)
1 Acre (325,851 gallons)	32 - 64 ounces (1-2 Quart)
Treat every 4-8 weeks to maintain desired color	

Get nutrients to the root zone and reduce fertilizer run-off.

EZ-Flo Fertilizer Injectors

Economical, flexible and easy to use; great for backyard use!

Recommended for backyard gardeners, commercial landscapers and small farms. Just fill the tank (with premixed dry fertilizer or a concentrated liquid fertilizer – not oil based), set the adjustment valve and the fertilizer solution will automatically flow when the system runs.

- Low minimum flow (120 GPH) with standard bib adapter (IEZBIB)
- Works down to 7.5 GPH using included flow restrictor discs
- Tank sits on ground for less stress on fittings and easier filling
- Adjustable dilution rates from100:1 to 1000:1

EZ-Flo Low Pressure Tanks

IEZH34	¾ Gallon Tank	5-50 PSI	$74.95
IEZH2	2 Gallon Tank	5-50 PSI	$97.95
IEZ1GUP*	1 Gallon Tank	5-80 PSI	$129.95

*IEZ1GUP is rated for constant pressure and can be placed before timers or valves.

Hose Thread Faucet Adapter

Replacement faucet connector for Hose Thread units. FHT x MHT.

IEZBIB 3½" Length $14.95

Add-it Fertilizer Injector for small applications

Line pressure forces a small amount of water into the tank where it mixes with the fertilizer and then re-enters the main line. There is no pressure loss through the injector, but it does require a minimum of 10 PSI to operate. It is very important to use backflow prevention when injecting into your system; see p. 29.

IAP Add It Fertilizer Injector $27.95

Part#	Flow in GPH	Fertilizer Capacity	Gallons to Empty	Thread Type	Pressure Range
IAP	30-240	Pint	15	Hose	10-100

Choose the best, all-organic EZ-Flo fertilizer for your garden's needs

All Ferti-Maxx water soluble fertilizers contain a proprietary blend of organic supplements that assist in nutrient delivery and retention, providing results at lower application rates of comparative products. To learn more go to DripWorks.com

Ferti-Maxx Sugar

Facilitates the rapid growth of microbes in your soil effectively and efficiently. Enhanced with the addition of 1% magnesium nitrate for cool weather performance and improved chlorophyll production.

EZSUGAR $79.95

Hydro-Maxx

The first line of defense against bicarbonate accumulation and poor chelation. Insures proper penetration of water and assists with rapid delivery of applied nutrients.

EZHYDRO $69.95

Ferti-Maxx Starter

Intended as a transplant or new landscape blend for enhanced plant health and root development.

EZSTARTER $89.95

Hydro-Cleanse

A safe way to gently release bicarbonate build up in irrigation system and soil.

EZCLEANSE $44.95

Ferti-Maxx Fish

Allows for larger applications without risk of burning plant material. Ideal for restoring organic matter to depleted soils.

EZFISH $79.95

Ferti-Maxx Landscape

An all-purpose growth blend for application to the entire landscape. Excellent for the spring start up or high heat months in the summer, it will always allow your yard to perform.

EZLANDSCAPE $89.95

Root-Maxx

Leaves little residual. The Endo & Ecto Mycorrhizae allow for enhanced phosphorous conversion in the soil stimulating root growth and nutrient uptake.

EZROOT $69.95

The most accurate and easy-to-maintain pump style injector we have found.

MixRite Injector "For the Professional Grower" *Best for Organic Fertilizers.**

It reliably meters fertilized solution into your line and is powered entirely by the water flowing through it. Choose the MixRite according to the concentration of fertilizer you want to add. Install on a bypass for easy cleaning and maintenance. A 2% internal bypass unit for injecting highly corrosive solutions is available at DripWorks.com.

- Simple to install, operate and maintain
- Pressure loss at max flow: 14.5 PSI
- Shutoffs on all models except IMR1
- UV resistant plastic

Model	Flow in GPH	Mix Ratios	Pressure Range	Inlet/ Outlet	Max Flow	Price
IMR1	5.4-660/GPH	100:1 1% (non-adjustable)	3-120	¾" MPT	11 GPM	$295.95
IMR2SO	5.4-660/GPH	500:1 - 50:1 .3 to 2%	3-120	¾" MPT	11 GPM	$389.95
IMR4SO	5.4-660/GPH	250:1 - 25:1 .4 to 4%	3-120	¾" MPT	11 GPM	$389.95
IMR10V2*	30-840/GPH	100:1 - 10:1 1 to 10%	3-120	¾" MPT	11 GPM	$595.95
The IMR10V2 is best for less concentrated, organic fertilizers.						
IMRTF34	4.8-840 GPH	250:1 - 25:1 .4 to 4%	3-120	1" MPT	14 GPM	$389.95

MixRite Replacement Parts

Seals (3 each)		Pistons	
IMR2SLKIT	$37.95	IMR2PISTON	$22.95
IMR4SLKIT	$37.95	IMR4PISTON*	$34.95
IMR10SLKIT	$49.95	IMR10PISTON	$49.95
*Note: IMRTF34 uses same replacement parts as IMR4SO			

Watch our online video!

Growers Choice

Watch our online video!

Backflow Prevention

Check Valves

These one-way valves keep water in a drip system from flowing back into your home water supply. Check valves are also commonly used in pump systems to eliminate back pressure on the pump. These check valves have a PVC body with a ½ lb. spring and may not meet local building codes.

Hose Thread

VPCKH FHT x MHT $13.95

Pipe Thread

VPCK ¾" FPT $9.95
VPCK1 1" FPT $13.95

Vacuum Breakers

A Vacuum Breaker prevents contamination of your home water supply. Most cities require them at the start of any system whether or not fertilizer injection is used. If in doubt, call your local building inspector. Vacuum breakers partially restrict water pressure and flow, and are not rated for constant pressure. Place them after any timers or valves.

FAVBP Plastic FHT x ¾" MPT $2.95
FAVBH Plastic FHT x MHT $2.95
FBFPP Heavy Duty Plastic FHT x MHT $3.95
FBFP Solid Brass* FHT x MHT $6.95

***Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov. *Note: Applies to brass fittings only.*

The fast way to feed entire gardens, landscapes and more.

Mazzei Unit
Installed with bypass assembly

Injector

Bypass Assembly
(PVC socket inlet and outlet)

Bypass Assemblies

Are pre-made of Schedule 40 PVC with a ball valve to control the flow and unions for easy injector removal (for cleaning). The ¾" bypass can be adapted to hose threads with the AFHI and/or AMHI adapters on p. 49. For use with Mazzei injectors only.

Suction Assemblies

All include 10' of clear vinyl suction tubing, metering valve, strainer and connecting fittings. All Mazzei injectors on this page include a built-in check valve.

Mazzei (Venturi Style) Fertilizer Injector

A low cost, commercial-grade fertilizer injector with no moving parts. Good for Organic Fertilizers!

- Easy Installation
- Energy Efficient
- Male pipe thread (MPT) inlet and outlet
- Trouble Free

As water passes through the unit a pressure differential creates a vacuum which draws fertilizer into the line. You may need to experiment to get the dosages required, but once operating, the Mazzei is incredibly reliable and easy to use. Pressure range 5-120 PSI.

Units may be purchased individually or with a suction assembly.

½" Injectors and Accessories

IM12VLF	½" Very Low Flow Injector (#283)	$39.95
IM12L	½" Low Flow Injector (#287)	$39.95
IM12BPL	½" Low Flow Bypass Assembly	$27.95
IM12H	½" High Flow Injector (#384)	$57.95
IM12BPH	½" High Flow Bypass Assembly	$27.95
IM34SA	½" Suction Assembly (same as ¾")	$64.95

¾" Injectors and Accessories

IM34L	¾" Low Flow Injector (#484A)	$54.95
IM34H	¾" High Flow Injector (#584)	$54.95
IM34BP	¾" Bypass Assembly (either flow)	$29.95
IM34SA	¾" Suction Assembly (same as ½")	$64.95

1" Injectors and Accessories

IM1L	1" Low Flow Injector (#878)	$89.95
IM1	1" High Flow Injector (#1078)	$89.95
IM1BP	1" Bypass Assembly	$34.95
IM1SA	1" Suction Assembly (same as 1½")	$129.95

Choose model size carefully.

Too large and it will not draw the fertilizer, too small and it will restrict the flow of your system (see Mazzei Flow Chart below). If in doubt, choose a smaller size injector and install on a bypass. We recommend using a bypass for all units for ease of adjustment and maintenance.

Mazzei Flow Chart (Venturi style)

Size	Minimum Flow at 50 PSI Inlet	Fertilizer Draw with outlet pressure at	
		30 PSI (20 PSI drop)	10 PSI (40 PSI drop)
½" Very Low (#283)	30 GPH	2 GPH	6 GPH
½" Low (#287)	60 GPH	3 GPH	8 GPH
½" High (#384)	150 GPH	10 GPH	14 GPH
¾" Low (#484A)	240 GPH	12 GPH	17 GPH
¾" High (#584)	425 GPH	21 GPH	25 GPH
1" Low (#878)	750 GPH	56 GPH	75 GPH
1" High (#1078)	1050 GPH	86 GPH	92 GPH

Liquid and dry fertilizers, soil amendments and pest control products that are 100% Organic.

Growers Choice

High-Phosphorus Bat Guano 0-13-0

For the gardener who wants for produce the most beautiful and prolific flowering and fruiting from their plants near the end of their vegetative growth, Vital Earth's High Phosphorus Bat Guano 0-13-0 is the best organic choice available. Phosphorus is important for root, fruit and flower development. 0-13-0 is for those heavy feeders from which you expect to achieve the highest of yield such as peppers, melons or pumpkins.

VGPBAT	5 lbs	$25.95
VGPBAT22	22 lbs	$52.95

LIQUID HUMUS GRANULAR HUMUS

High-Nitrogen Bat Guano 9-3-1

Vital Earth's® 9-3-1 Bat Guano contains a large amount of nitrogen, which plants require for rigorous production. High-Nitrogen Bat Guano is good for all plants in an early vegetative stage of growth and in general for all leafy plants such as lettuces, kale, spinach, etc. The lack of odor makes it more friendly to use. Mix into your soil or top dress as needed.

VGNBAT	5 lbs	$19.95
VGNBAT22	22 lbs	$54.95

Insect Frass

Organic Nutrients Insect Frass stimulates the auto immune system in plants causing them to better protect themselves from insect attack and fungal disease. It's nature's gift to the garden! Frass fertilizes plants, inoculates soil, boosts plant immunity, and aids in pest prevention. As a fertilizer, frass contains all macro and micro nutrients. As an inoculant, Frass provides beneficial fungi, protozoa, and every functional group of beneficial bacteria.

Organic Nutrients™ Frass is good for transplanting, soil mixing, top dressing, root drenching, foliar feeding, tea brewing, and hydroponics.

VGIF2	2 lbs bag	$29.95
VGIF25	25 lbs bag	$149.95

SLF100

SLF100 is a commercially proven enzymatic formula liquid drip line and emitter cleaner for gardeners that have salt buildup or hard water scale. Organic and OMRI listed, it works great in both hydroponic and soil applications. It is compatible with all nutrients and rooting compounds and effective in all phases of the growing cycle.

VGLINE32	1 quart	$41.95

Baseline Humus

Humus is the foundation of good soil and provides many benefits that fertilizer can not accomplish alone. Vital Garden Supply's Baseline increases plants ability to assimilate nutrients.

Use Baseline anytime in the garden, on the lawn, or around the orchard. Either premix Baseline into your soil, top dress around the root zone of plants, or use Baseline as part of a tea. Baseline is compatible with all fertilizers and soil amendments.

Baseline Granular Humus

VGB	2.2 lbs	$15.95
VGB25	25 lbs	$69.95

Baseline Liquid Humus

VGBLQ	1 quart	$24.95
VGBLG	1 gallon	$79.95

Powdered Glacial Rock

The trace minerals provided by Powdered Glacial Rock are essential for plants to achieve their highest potential. This means sweeter strawberries, better tasting vegetables and more aromatic roses. Glacial Rock can be mixed into your soil, sprinkled around plants and trees or used to complement a compost tea.

VGROCK	5 lbs	$16.95
VGROCK22	22 lbs	$24.95
VGROCK44	44 lbs	$39.95

More fertilizers available at DripWorks.com

Have a unique watering need? Choose from fixed or adjustable sprayers to get the job done.

Sprayers emit a higher volume of water than drippers do. They come in a variety of spray patterns, including flat, angled and cone-shaped.

MSPB

MSPT

Top View

MSPS

Pressure	Maximum Flow	Maximum Diameter
15 PSI	17 GPH	9'
20 PSI	20 GPH	11'
30 PSI	24 GPH	12'

Spectrum™

Spectrum sprayers have a full circle spray pattern that can be easily adjusted for areas that vary in size or watering need. Great for trees, shrubs and small turf areas.

- Easy to clean
- Fully adjustable up to 12 ft. diameter
- Can be completely turned off
- Excellent way to establish plants with changing water needs

MSPB-5 On a ¼" Barbed Base $3.49/5
MSPB-100 On a ¼" Barbed Base $54.95/100
MSPS-5* On a 5" Stake $4.79/5
MSPS-100* On a 5" Stake $79.95/100
MSPT-5 On a 10-32 Threaded Base $3.49/5
MSPT-100 On a 10-32 Threaded Base $54.95/100
*Break-off Transfer Barb (14TB) is for use with ¼" tubing.

Quarter Circle - MAJ90

Half Circle - MAJ180

Full Circle - MAJ360

Micro-Jets

An easy-to-adjust valve with your choice of spray pattern make Micro-Jets a smart choice for watering perennials, ground covers, small trees and shrubs. For quick installation use EZ Stakes (p. 18).

- Maximum flow of 22 gallons per hour (GPH) at 30 PSI
- Radius of 7'-8' at 30 PSI for all Micro-Jets
- 10-32 threaded base
- Jets can be shut off individually.
- Quarter and half circle patterns deliver a fan spray; full circle delivers fingers of water (see photo at left)
- Pressure range 15-45 PSI

Pattern	Color	Part #	Price
Quarter Circle Micro-Jet	Black	MAJ90-5 MAJ90-50	$4.95/5 $39.95/50
Half Circle Micro-Jet	Blue	MAJ180-5 MAJ180-50	$4.95/5 $39.95/50
Full Circle Micro-Jet	Red	MAJ360-5 MAJ360-50	$4.95/5 $39.95/50

The perfect sprayer for container and planter watering.

Best Seller

Growers Choice

They're often used for areas of ground cover or other dense plantings, but sprayers can also be used to water larger containers or individual plants.

Down-Spray Sprinklers – Full Circle

Down-Spray sprinkler assemblies include a 12" galvanized wire stake and 36" of supply tubing with barb. The C-Frame Down-Spray is a 360° spray jet with a 45° downward trajectory that targets the root zone, to reduce runoff and eliminate over-spray.

- 20" Diameter, full circle spray pattern
- Wets evenly with minimal surface disturbance
- Use on large plants or containers
- UV stabilized for long life
- Shutoff clip to stop flow (sprinkler assembly only)

Color	GPH @ 10 PSI	GPH @ 20 PSI
Black	4.8	7.2
Blue	7.0	10.5

MADASBLU

MADBLK

Complete Sprinkler Support Assembly with Tubing & Stake

MADASBLK-5 (black) $8.95/5
MADASBLK-25 (black) $37.95/25
MADASBLU-5 (blue) $8.95/5
MADASBLU-25 (blue) $37.95/25

Without Sprinkler Support Assembly

MADBLK-5 Head Only (black) $1.59/5
MADBLK-100 Head Only (black) $24.95/100
MADBLU-5 Head Only (blue) $1.59/5
MADBLU-100 Head Only (blue) $24.95/100

⅛" Spot Spitters

Use with ⅛" tubing for a gentle, 160° downward spray. Designed for commercial container growing or balled rootstock. Also good for large potted plants in residential gardens.

- Cone shaped spray pattern
- Uniform distribution
- Shutoff plug on the bottom
- Length is 4¾"
- Pressure Range 15-25 PSI

⅛" Spot Spitters $1.49/5 ..... $23.00/100

Part #	Color	Flow @20 PSI	Container Size	Spray Radius
MRSO	Orange	4.2 GPH	3-5 gallon	10"
MRSG	Dark Green	11.4 GPH	5-10 gallon	16"
MRSB	Black	15 GPH	10-30 gallon	24"

Mini-Jets

Possibly the only spray head you will ever need!

These very popular and economical sprayers work well at pressures as low as 5 PSI. They have a flat spray angle to minimize water on foliage, and various spray patterns and flows to provide versatility. At pressures above 30 PSI, the spray turns into more of a mist. All Mini-Jets have a 10-32 threaded base and will fit into ¼" tubing, Rigid Risers. Use the hex end of the Yellow Punch (p. 15) for easy installation.

All Mini-Jets $2.19/10 ..... $18.00/100

Part #	Color	Spray Pattern	@ 15 PSI GPH	@ 15 PSI Radius/Ft	@ 30 PSI GPH	@ 30 PSI Radius/Ft
MSBL90	Black	Quarter	4.8	3	6.8	5
MSBL180	Black	Half	4.8	2½	6.8	3
MSBL300	Black	Full	4.8	3	6.8	3½
MSBLSTR	Black	Strip	4.8	5	7.5	5
MSBU90	Blue	Quarter	8.8	5	12.9	6
MSBU180	Blue	Half	8.8	3	12.9	3½
MSBU300	Blue	Full	8.8	3½	12.9	4
MSBUSTR	Blue	Strip	8.8	6	13.8	6½
MSGR90	Green	Quarter	13.8	5	19.5	6½
MSGR180	Green	Half	13.8	3	19.5	4
MSGR300	Green	Full	13.8	3½	19.5	4½
MSGRSTR	Green	Strip	13.8	6½	20.8	7
MSRD90	Red	Quarter	20.0	5½	28.9	6½
MSRD180	Red	Half	20.0	3½	28.9	4
MSRD300	Red	Full	20.0	4	28.9	4½
MSRDSTR	Red	Strip	20.0	6½	29.8	7

Looking to solve hard water problems in your drip system, house or business? Here's your answer.

Aquabolt

The Aquabolt™ is ideal for extreme hard water conditions for commercial growers and agricultural applications. Resolve extreme saline water problems with this double duty Aquabolt. The Aquabolt includes a static mixer to provide additional agitation for maximum benefits. Aquabolt will provide relief to hard water issues without the need to use chemicals.

- Improves solubility and nutrient uptake
- Reduces spider mites and mold
- Keeps irrigation lines, emitters and nozzles free of mineral build up
- Neutralize soil pH and improve soil health
- Chemical free, energy free and maintenance free
- Pressure Range: 0-110 PSI
- ¾" Flow rate up to 3300 GPH
- 1" Flow rate up to 5400

MAGAQUA34 ¾" FPT $994.95
MAGAQUA1 1" FPT $1,194.95
MAGAQUASS34 ¾" FPT Stainless Steel $1,394.95
MAGAQUASS1 1" FPT Stainless Steel $1,494.95

Rainbolt

The Rainbolt™ inline unit transforms your water quality to a healthier, more productive and energized state. It will bust salts, improve soil infiltration and improve moisture retention. It reduces mineral scale buildup and will help eliminate the need for chemicals to keep pipes, pumps and emitters clean. For residential use, The Rainbolt 3/4" or 1" is designed to soften water for an entire house and typically one unit is sufficient.

- Improved crop yield, healthier soils & plant vitality
- Chemical free, energy free and maintenance free
- Pressure Range: 0-110 PSI
- 3/4" Flow rate up to 3300 GPH
- 1" Flow rate up to 5400 GPH

MAGRAIN34 ¾" FPT $394.95
MAGRAIN1 1" FPT $459.95

Turfbolt 3/4" HT

The Turfbolt™ inline unit improves soil infiltration, improves moisture retention and boosts soil health. It reduces mineral scale buildup, and will help reduce the need for chemicals to keep irrigation lines, emitters and nozzles clean. Turfbolt 3/4" Hose Thread can be installed in line for drip irrigation systems.

- Reduces water hardness
- Improves nutrient uptake
- Neutralize soil pH and improve soil health
- Chemical free, energy free and maintenance free
- Pressure Range: 0-110 PSI
- ¾" Flow rate up to 3300 GPH

MAGTURF34 ..... $259.95

Magnetic Water Conditioning

Magnetic water conditioning sets can help soften hard water without chemicals. As water passes through the magnetic field, lime and calcium are suspended so they can be flushed out of the system instead of building up in drip emitters, pipes, appliances, toilets and tubs.

Also helps flush out existing deposits. Water keeps its magnetic charge for 500'. For home use, the MAG2 unit includes two sets of magnets. Install one on the cold water intake where it enters the home and the other on the outflow pipe of the hot water tank.

The units are sized for maximum pipe flow. Magnets may be doubled up for higher flows. Works on PVC, copper and poly pipe.
Do not install on iron pipe or underground.

- Reduces costly maintenance
- Requires no power, salt or chemicals

Helps eliminate and prevent scale build-up!

MAG1	Drip System	½"-1" Pipe – 12 GPM	$79.95
MAG2	Whole House	½"-1" Pipe – 12 GPM	$129.95
MAG3	Ag/Industrial	1" Pipe – 25 GPM	$198.95

Find everything you need to know at DripWorks.com/magnetic-water-conditioning

Now the power of creating nutrient-rich compost is in your hands! These home compost systems come at great prices.

Take it from any home gardener or commercial farmer that the benefits of adding compost-enriched fertilizer to your soil are unmatched.

Bokashi Kitchen Composter

The future of composting is here! Cold composting retains the nutrients that are normally lost to heat and evaporation during traditional composting. It is the most efficient and greenest method of composting and produces no greenhouses gases!

BBK2	Bokashi Bucket Kit	$59.95
BOK2	Bokashi Bio Blend Mix (2 lb)	$14.95
BOK5	Bokashi Bio Blend Mix (5 lb)	$34.95

Be a Worm Farmer!

The Worm Factory®

Turn your kitchen waste into nutrient-rich compost. Just fill the trays with food scraps and rotate them as they fill up. No turning required. Managed correctly, the process is virtually odorless (we had one set up right in our store). The unit has a large capacity yet the smallest footprint (16" x 16") of any worm composter. Comes with 3 trays (expandable to 7) and includes complete instructions.

Frame It All

These patented joint stakes make it easy to customize the shape of your raised beds. They rotate and can be stacked on top of each other. Just slide 2 x 6 lumber (not included) into the slots. Since they are not limited to right angles, hexagons, octagons, and other whimsical shapes can be created using these amazing joints!

ASTACK Stacking Joint (2 pack) $17.95

Ceramic Compost Keeper

These ceramic compost pails will keep your countertop clear of food scraps and do it with style! Available in black, red, or white.

APAILCB	Ceramic Compost Pail (Black)	$29.95
APAILCR	Ceramic Compost Pail (Red)	$29.95
APAILCW	Ceramic Compost Pail (White)	$29.95
APCFIL	Compost Pail Filter	$4.95

Light Weight, Easy to Clean

Stainless Steel Compost Pail

Collect food scraps in this stainless steel compost pail. 1 gallon capacity. Includes two charcoal filters.

APAIL	Compost Pail	$44.95
APFIL	Charcoal Filters	$6.95

Gilmour Flexogen Garden Hoses

Double tire cord reinforced construction and heavy-duty crush-resistant metal couplings make this Gilmour Flexogen Premium Duty Hose "The Best Hose You'll Ever Buy".

AFLEX25*	Flexogen Hose 25'	$25.95
AFLEX50*	Flexogen Hose 50'	$47.95
AFLEX75*	Flexogen Hose 75'	$59.95

Best on the market by far!

Gilmour Spray Nozzles

Easy to use on/off thumb control, heavy-duty metal construction and a non-slip, molded rubber grip make these nozzles a great addition to your garden arsenal! The best nozzle you will ever use.

ATCMP	8 Pattern Nozzle	$18.95
ATCN	Adjustable Nozzle	$18.95

***Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov. *Note: Applies to brass fittings only.*

The easy-to-use manifolds can be put together in minutes.

Manifold Fittings

All Swivels are 1" female pipe thread.

TMRS	Swivel x ¾" MPT	$3.95
TM1S	Swivel x 1" MPT	$2.95
TM34SOC	Swivel x ¾" Slip Socket	$2.95
TM1SOC	Swivel x 1" Slip Socket	$2.95
TMC	Cross 3 Swivels x 1" MPT	$6.95
TMT	Tee 2 Swivels x 1" MPT	$4.95
TMCAP	Cap 1" FPT.	$1.19
TML	Elbow 90° Swivel x 1" MPT	$4.29
TMRN	Reducing Nipple1" x ¾" MPT (for ¾" valve)	$1.39
TMN	Nipple 1" x 1" MPT	$1.19
TMOR	Manifold O-Ring	$0.59
TMSCP	Swivel x Swivel Coupler	$3.59

Swivel x Barbed Fitting

TM34INS	Swivel x ¾" barb	$2.79
TM1INS	Swivel x 1" barb	$2.79

All manifold swivel parts should be hand tightened only.
A manifold attached to a faucet should rest at ground level using a high-pressure hose extension (p. 48).

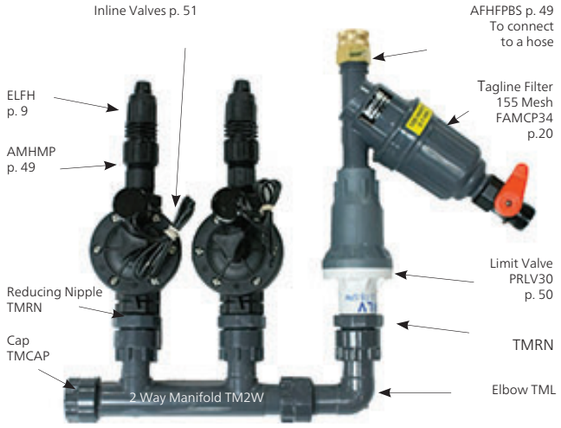
Multi Outlet Swivel Manifolds

TM4W	4 Outlet 15" long	$17.95
TM3W	3 Outlet 11" long	$13.95
TM2W	2 Outlet 7½" long	$9.95

More manifold parts available at: DripWorks.com

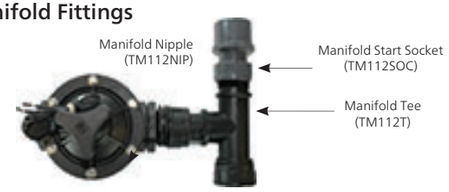
Manifold Swivel System

These PVC fittings let you create a flexible, compact manifold for almost any valve situation. The manifolds go together in minutes and the valves can be positioned more closely than if using standard PVC fittings. Valves are easy to align and systems are easy to expand. All swivel pieces are 1" female pipe thread (with O-rings) and can be easily reduced for ¾" valves. All manifold parts are 1" pipe thread unless noted. No glue or tools needed, so add-ons are a breeze. Use Thread Sealant Tape on all pipe threads without O-rings. Maximum working pressure is 150 PSI.



The system shown above is set up for two valves. The constant pressure limit valve and filter can be installed before the valves.

1½" Manifold Fittings



A fast and flexible way to hook up larger valves. Easily add new valves to existing systems or remove them for maintenance. All swivels are female pipe thread (FPT).

TM112S	Start	1½" MPT x Swivel	$3.95
TM112SOC	Start	1½" FPT x Slip Socket	$4.79
TM112T	Tee	1½" MPT x Swivels	$4.95
TM112NIP	Nipple	1½" MPT x 1½" MPT	$1.69
TM112CA	Cap	1½" FPT	$1.29

Lubricant for O-Rings & Hose Washers

Give your O-rings, washers, and gaskets a better watertight seal and prevent them from drying out and cracking with a dab of this 'miracle' lubricant.

HLUBE 4 oz. bottle..... $5.95

Get Smart! Create ideal growing conditions for plants with Smart Pot.

These porous fabric containers keep plants healthy and looking their best season after season.

Growers Choice

Smart Pot® Fabric Containers

- Regulates heat, keeping roots cool in the summer and warm in the winter
- Porous fabric aerates the root zone allowing for optimal growth
- Air-prunes the plant's root structure and prevents root circling
- Perfect for fruits, vegetables, annuals, perennials and herbs
- Great for aquatic plants in ponds
- Ideal for hydroponic gardening
- Better than plastic containers

Part #	Color	Gallon	Ht. X Dia.	Price
SMP5	Black	5	9.5" x 12"	$5.95
SMP10	Black	10	11.5" x 16"	$8.95
SMP20	Black	20	15.5" x 20"	$11.95
SMP30	Black	30	15.5" x 24"	$14.95
SMP45	Black	45	18" x 27"	$18.95
SMP65	Black	65	18" x 32"	$22.95
SMP100	Black	100	20" x 38"	$29.95
SMP200	Black	200	20" x 50"	$49.95
SMPRB	Black	100	12" x 50"	$39.95
SMPTN5	Tan	5	5.5" x 12"	$6.49
SMPTN10	Tan	10	11.5" x 16"	$9.95
SMPTN20	Tan	20	15.5" x 20"	$13.95
SMPTN45	Tan	45	18" x 27"	$19.95
SMPTN65	Tan	65	18" x 32"	$24.95

Top

Bottom

Growers Choice

Jain Octabubbler

This 8 outlet, pressure-compensating, self-cleaning bubbler is ideal for sprinkler conversions, indoor gardens or greenhouses where a single control point for multiple containers is desirable. Replacement flow controls (sold separately in 8 packs) can be mixed and matched for individual outlets, allowing multiple flow rates from a single unit. Pressure Range 21-56 PSI.

- UV/Chemical resistant body
- Built-in backflow prevention
- Designed to function above or below grade

ROCTABUB2	2 GPH Octabubbler (Blue)	$10.95
ROCTABUB6	6 GPH Octabubbler (Black	$10.95
ROCTABUB10	10 GPH Octabubbler (Red)	$10.95
ROCTABUB20	20 GPH Octabubbler (Green)	$10.95

Octabubbler Flow Controls

ROCTABUB2GFC	2 GPH Flow Control (Blue)	$0.60/8
ROCTABUB6GFC	6 GPH Flow Control (Black)	$0.60/8
ROCTABUB10GFC	10 GPH Flow Control (Red)	$0.60/8
ROCTABUB20GFC	20 GPH Flow Control (Green)	$0.60/8
ROCTABUBPLUG	Jain Octa Bubbler Plug	$6.95/25

8-Way ¼" Outlet Manifold

Each outlet on this 8-way manifold has an adjustable flow control.

RMAN8 8-Way Manifold..... $10.95

Our sprinklers handle all your above-ground watering.

Ein Dor Mini-Sprinklers

These mini-sprinklers are great for landscaped areas, garden beds, propagation, and smaller container groupings. The sprinkler heads have a press-fit base which must be used with either a Support Assembly, Press-Fit Barb, or Press-Fit Adapter (see MESK, MEBARB, ME12B below). Use either the Plug (MEPLUG) or Press-Fit Valve (MEVSO) to shut off individual sprinkler heads.

Part #	Color	Flow*	Diameter
MELOW	Purple	5 GPH	5'
MELTB	Blue	9 GPH	7'
MEBLA	Black	18 GPH	9'
MERED	Red	32 GPH	13'

- Full circle spray pattern
- Even distribution of droplets
- Flat spray angle reduces wind drift
- Great for inverted greenhouse watering
- Lifting top prevents plugging and keeps insects out
- Minimum pressure 20 PSI, works best at 30 PSI

All Ein Dor Mini-Sprinklers $3.95/5 ..... $59.95/100

*Measured at 30 PSI. Diameter is approximately 10% smaller at 20 PSI. 50% diameter loss when inverted.

Press-Fit Support Assembly

A complete stake assembly that includes a plastic stake or metal rod, bridge, ¼" flexible vinyl tubing and a transfer barb. For Ein Dor Mini-Sprinklers and Wing Sprinklers only.

MESK 13" Plastic Stake w/2' Tubing $1.79
MESK18 18" Metal Rod w/2' Tubing $2.39
MESK36 36" Metal Rod w/3' Tubing $17.95/5*

* Due to shipping issues, 5 is the minimum quantity.

Press-Fit Barb

Use with Mini-Sprinkers and Wing Sprinklers.
The barb end fits ¼" (.250" OD) tubing.

MEBARB-5 Press-Fit Barb $1.69/5
MEBARB-100 Press-Fit Barb $14.95/100

Press-Fit Valve

Easier than a plug!

Install between the bridge and sprinkler head as an individual shutoff.

MEVSO Press-Fit Valve $3.10/5

Press-Fit x ½" FPT Adapter

Special press-fit base for use with all Ein Dor heads or Wing Mini-Sprinklers.

ME12B Press-Fit Adapter $3.95/5

Wing Sprinklers (Press-Fit Mini-Sprinklers)

A low cost alternative for large areas. Great for xeriscapes where low water usage is desirable.

- Best at low pressures (15-30 PSI)
- Even distribution of droplets.
- Full circle only!

All Wing Sprinklers $4.95/5 ..... $89.95/100

Note: Press-fit sprinklers must be used with either the Press-Fit Support Assembly, Press-Fit Barb, or Press-Fit Adapter (MESK, MEBARB, ME12B, this page) for use in mainline or ¼" tubing. Optional shut-off valve (see MEVSO, this page). Operates in upright position only.

Part #	Color	Flow @ 30 PSI	Diameter @ 30 PSI
MSWGR	Olive Green	5 GPH	8'
MSWLB	Light Blue	9 GPH	15'
MSWBL	Black	18 GPH	19'
MSWBRN	Brown	34 GPH	22'

Plug

To shut off a Mini-Sprinkler, remove the sprinkler head and insert this special press-fit plug.

MEPLUG Plug $1.75/5

These SuperNet Sprinklers cover the broadest areas.

NETAFIM™

SuperNet Pressure Compensating Sprinklers

Water more trees on the same zone with equal water distribution regardless of row length or elevation changes. Spray pattern may be enlarged as trees grow by simply changing the spinner. Heavy-duty construction for long life. Mounts on support stake (see below).

- Excellent for long rows and uneven terrain
- Ideal for orchards and new tree plantings
- Easy assembly
- Clog resistant and self-flushing
- Pressure range 25-50 PSI

Replace purple spinner with MSNSBLD to water younger trees. Break off deflector as tree grows.

with deflector

Note: For part numbers in below chart, stock spinners are pre-installed and do not include tubing. The blue spinner (MSNSBLD) must be ordered separately and changed out (easy to do).

Part #	Flow GPH	Spinner	Wetted Radius
MSNP(T)		Purple (stock)	8'
(Purple base)	5.3	Blue w/ deflector	2'
		Blue w/o deflector	4'
MSNBLU(T)		Purple (stock)	8.5'
(Blue base)	10.9	Blue w/ deflector	3'
		Blue w/o deflector	5.5'
MSNBLA(T)		Black (stock)	10'
(Black base)	18.9	Blue w/ deflector	3'
		Blue w/o deflector	8'

SuperNet Assemblies

We recommend purchasing SuperNet sprinkers with the tubing and barb pre-installed. See flow and radius descriptions at right.

MSNPT Purple Base - Standard $2.95
MSNBLUT Blue Base $2.95
MSNBLAT Black Base $2.95

Sprinkler Only

MSNP Purple Base - Standard $2.29
MSNBLU Blue Base $2.29
MSNBLA Black Base $2.29

SuperNet Accessories

The SuperNet sprinkler can be mounted on the MSNSTK stake.

MSNSTK 13" Blue Support Stake $0.89
MSNSBLD Blue Spinner with Deflector $0.29

MSNSBLD

MSNSTK

Tree Watering Stakes

DripWorks highly recommends these stakes for saturating the soil at a deep level. Watering deeply encourages trees to send their roots further down, improving survival rates in drought and high winds. Promoting a deep root system also reduces surface cracking and buckling near pathways, sidewalks, patios or driveways. Simple to use – just run ¼" tubing down the shaft.

- Works well with drip systems
- Conserves water
- Prevents slope runoff and erosion
- Fertilizer can be added into shaft
- Internal filter keeps out roots and rocks
- UV protected slotted cap for drip tubing use
- Use 14" stake for small trees, shrubs and rose bushes
- Use 24" stake for mid-sized trees

ASTK14 14" Watering Stake $9.95
ASTK24 24" Watering Stake $10.95

DRIPT!PS

The Perfect Pair

When used together, Tree Watering Stakes and the Woodpecker JR regulate the amount of water that a plant will receive.

Beat the heat!

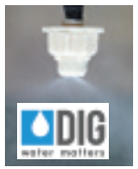
Misters are an effective and economical way to cool the air on patios and decks, in barns, greenhouses, kennels, and around the pool. They are also good for moisture loving plants like ferns, salad greens and seedlings. Use a 200 Mesh Filter with all misters.

Cool Breeze Misting Nozzle

An inexpensive, low flow, wide-angle spray for cooling large areas. Cool Breeze water particles are larger than those of the Superfine Nozzles (at right) but they still do an excellent job of cooling. Choose from a ¼" barb base or a 10-32 threaded base (for installing directly into PVC pipe or Rigid Risers). The nozzles come apart for easy cleaning.

- Pressure range: 35-80 PSI

Cool Breeze Nozzles $4.95/5 ..... $69.95/100



Part #		Nozzle Color	Diameter
MND34B	¾ GPH Barb	Violet	2½'
MND1B	1 GPH Barb	Black	3'
MND34T	¾ GPH Threaded	Violet	2½'
MND1T	1 GPH Threaded	Black	3'

Diameter at 40 PSI and 6 ft. high

Superfine Misting Nozzle

Excellent misters for summertime cooling. The mist is almost like smoke – so fine that the spray hardly reaches the ground. Nozzle threads are 1/8" MPT. See below for adapters.

Note: Filter screens are only on Regular Superfine Misters and must be removed to use with MNBA adapter.

- Pressure range: 40-120 PSI

Regular Superfine Misting Nozzles $7.75/5
MNRED Nozzle with Anti-Drip $12.50/5

Part #	GPH	Nozzle Color	Diameter
MNW	.6	White	2'
MNC	1.1	Cream	3'
MNB	1.6	Black	3'
Superfine nozzle with Anti-drip			
MNRED*	.6	Red	2'

Diameter at 40 PSI and 6 ft. high

Tornado Misters

Higher flows for seed propagation and moisture loving plants. Great for giant pumpkins! Simply insert into the end of ¼" tubing, mainline or PVC.

- Even distribution
- Threaded base (10-24 thread)
- Pressure range: 20-60 PSI

Tornado Misters $2.95/5 ..... $52.00/100

Part #	Color	@ 20 PSI GPH	@ 20 PSI DIA	@ 40 PSI GPH	@ 40 PSI DIA
MTFB	Black	4	4'	5½	4'
MTFR	Red	8	6'	11½	6'

Mini-Mister

Low flow directional sprayer for misting individual plants. Use stakes to help support and direct the spray. Can be taken apart for cleaning. The ¼" barb attaches to mainline tubing or ¼" tubing.

- Great for fuchsias, azaleas, bonsai, ferns, and others that like fog
- Pressure range: 10-35 PSI
- 2 GPH @ 20 PSI

MM Mini-Mister $3.95/5 ..... $64.95/100

P1218STB

MNTA

MNBA

Adapters for Superfine Nozzles

The ½" PVC tee and bushing are specially adapted for ⅛" MPT. The ¼" barbed adapter with stake is for use at the end of ¼" tubing or can be inserted directly into mainline poly tubing if necessary.

MNTA ½" Slip x ⅛" FPT Reducing Tee $6.95/5
P1218STB ½" Slip x ⅛" FPT Bushing $4.90/5
MNBA ¼" Barbed Adapter w/ Stake $4.49/5

Vari Mister

The Vari Mister has a built in valve to control the flow and pattern size of the spray. Maximum diameter is 36". Can be shut off when not in use. Maximum flow ranges from 4 GPH @ 10 PSI to 7 1/2 GPH @ 30 PSI. 10-32 threaded base works with 1/4" tubing or a Rigid Riser.

MV-5 Vari Mister $4.29

4-Way Fogger w/Anti-Drip

This versatile 4-way fogger from Rivulus is great for seed propagation, greenhouse humidification or livestock cooling. The built-in anti-drip prevents over-watering after the system shuts off. This is a high pressure fogger with an optimal operating range of 50-70 PSI.

MF4W 4-Way Fogger $3.95

Online video!

DSHB
¼"Barbed Base

DSHS

DSHT
10-32 Threaded Base

Shrubblers®

Shrubblers emit eight fingers of water that can be easily adjusted from a basic drip to a 24" diameter circle. Ideal for pots, tubs, landscaped gardens, nurseries, hanging baskets, planter boxes and more.

- Fully adjustable from 0-13 gallons per hour (GPH)
- Turn cap to adjust flow or shut off completely
- Rated up to 30 PSI

DSHS-5 Full Circle on 5" Stake w break-off transfer barb $3.79/5
DSHS-100 Full Circle on 5" Stake w break-off transfer barb .. $64.95/100
DSHS180-5 Half Circle on 5" Stake w break-off transfer barb $3.79/5
DSHS180-100 Half Circle on 5" (Same as above) $64.95/100
DSHT-5 Full Circle on 10-32 Threaded Base $2.95/5
DSHT-100 Full Circle on 10-32 Threaded Base $44.95/100
DSHB-5 Full Circle on ¼" Barb Base $2.95/5
DSHB-100 Full Circle on ¼" Barb Base $42.95/100

DAB
¼" Barbed Base

DABS
On a 5" Stake

Adjust-a-Bubbler

Easy to use sprayers deliver a large quantity of water in a very short amount of time. Excellent for watering large plants, small trees and shrubs.

- Easy to clean
- Twist cap to adjust flow or shut off completely
- Flow adjusts from 0-35 gallons per hour (GPH)

DAB-5 On a ¼" Barbed Base $2.95/5
DAB-100 On a ¼" Barbed Base $42.95/100
DABS-5 On a 5" Stake w/ a break-off Transfer Barb..... $4.29/5
DABS-100 On a 5" Stake w/ a break-off Transfer Barb. $65.95/100

Comparison of Shrubblers and Bubblers at 30 PSI

	GPH	Diameter
Full Circle Shrubbler	5.8	6 inches
	8.7	12 inches
	13	24 inches
Full Circle Bubbler	16	8 inches
	25	12 inches
	35	18 inches

Watch our video!

Growers Choice

Pressure Compensating Shrubblers

Gentle flow action with uniform coverage for all emitters on the same supply line. Considered partially pressure compensating as there is some variation due to pressure. See chart below.

- Pre-set flow rate
- Take-apart for easy cleaning
- Colored cap for identification
- Pressure range 15-45 PSI

DSHPCB-5 PC Shrubbler with Barbed Base $3.29/5
DSHPCB-100 PC Shrubbler with Barbed Base..... $47.95/100
DSHPCS-5 PC Shrubbler On a 5" Stake $5.49/5
DSHPCS-100 PC Shrubbler On a 5" Stake..... $94.95/100

Pressure Compensating Shrubbler Diameters

PSI	GPH	Diameter
15	6.6	7"
20	7.5	8"
30	8.1	12"
40	9.3	14"

Potstream™ Adjustable Flow

The PotStream is a side mounted adjustable sprayer. It features a gentle stream pattern that minimizes soil erosion, and the adjustable spray allows for watering of different size containers and pots.

DPS-5 ..... $5.95/5
DPS-25 ..... $22.95/25
DPS-100 ..... $79.95/100

Flow chart

PSI	GPH	Radius
5	0-3.3	8.7"
10	0-4.7	9.1"
20	0-6.8	9.5"
30	0-8.3	11.0"
40	0-9.7	12.4"

Pressure compensating emitters deliver a precise amount of water, even with long rows or changes in terrain.

Pinch Drip Emitters

This emitter lies almost flat on the mainline tubing so it is not easily damaged. Designed for easy finger/thumb installation. ¼" barbed inlet and ¼" nipple outlet.

Watch our video!

- Self flushing
- Pressure range 15-45 PSI

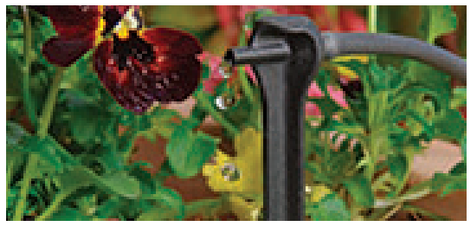
DPCH12-10	½ GPH (red)	$3.29/10
DPCH12-100	½ GPH (red)	$27.95/100
DPCH1-10	1 GPH (black)	$3.29/10
DPCH1-100	1 GPH (black)	$27.95/100
DPCH2-10	2 GPH (green)	$3.29/10
DPCH2-100	2 GPH (green)	$27.95/100

CETA PC Emitters

These PC emitters have a ¼" barb on both inlet and outlet.

- Take-apart for easy cleaning
- Self-flushing
- Pressure range 15-45 PSI

DC12PC-10	½ GPH (red)	$3.95/10
DC12PC-100	½ GPH (red)	$32.95/100
DC1PC-10	1 GPH (black)	$3.95/10
DC1PC-100	1 GPH (black)	$32.95/100
DC2PC-10	2 GPH (green)	$3.95/10
DC2PC-100	2 GPH (green)	$32.95/100



Cobra Stake Drip Emitters

A landscape spike dripper that delivers precise amounts of water directly to the root zone. Requires a length of ¼" tubing and a transfer barb (p. 17) to connect emitter to mainline tubing. Used in nurseries, root stock and landscape applications.

- Self-flushing
- Use as a PC pot dripper
- Stake length: 5 inches
- Pressure range 15-45 PSI

DCOB12-5	½ GPH (red)	$3.19/5
DCOB12-100	½ GPH (red)	$49.95/100
DCOB1-5	1 GPH (black)	$3.19/5
DCOB1-100	1 GPH (black)	$49.95/100
DCOB2-5	2 GPH (green)	$3.19/5
DCOB2-100	2 GPH (green)	$49.95/100

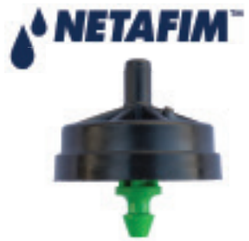
DCSTK DCIL

CETA PC Emitters on a Stake

Available for either inline or end of line installation.

DCSTK-10	1 GPH End of Line On a Stake	$7.95/10
DCSTK -100	1 GPH End of Line On a Stake	$75.95/100
DCIL-10	1 GPH Inline On a Stake	$8.49/10
DCIL-100	1 GPH Inline On a Stake	$75.95/100

Pressure compensating emitters simplify the design of a system and reduce maintenance.



Many vineyards and commercial nut growers in California use Woodpecker PC emitters.

Woodpecker PC

The heavy duty PC emitter! This is the product of choice in the rugged vineyards of Northern California. The rubber diaphragm is the largest available and the least likely to plug. ¼" inlet and outlet. Pressure range of 15-70 PSI.

DNPC12-25	½ GPH (red)	$10.95/25
DNPC12-100	½ GPH (red)	$38.95/100
DNPC1-25	1 GPH (black)	$10.95/25
DNPC1-100	1 GPH (black)	$38.95/100
DNPC2-25	2 GPH (green)	$10.95/25
DNPC2-100	2 GPH (green)	$38.95/100
DNPC6-25	6 GPH (orange)	$10.95/25
DNPC6-100	6 GPH (orange)	$38.95/100
DNPBUG	Bug Cap (allows flow) $2.49/10	$18.95/100
DNPCAP	Shutoff Cap $2.49/10	$18.95/100

Woodpecker Jr. PC (Netafim)

A versatile emitter for landscapes, greenhouses, orchards and backyard gardens. One unique feature is that it won't begin to emit water until it reaches 7 pounds of pressure (PSI). This is great for greenhouses where even watering is necessary or hillside plantings at different elevations.

- Pressure range of 10-50 PSI
- ¼" inlet and outlet

DNJR12-25	½ GPH (red)	$9.95/25
DNJR12-100	½ GPH (red)	$34.95/100
DNJR1-25	1 GPH (gray)	$9.95/25
DNJR1-100	1 GPH (gray)	$34.95/100
DNJR2-25	2 GPH (green)	$9.95/25
DNJR2-100	2 GPH (green)	$34.95/100

Large Hole Miracle Punch

This punch makes clean holes quickly and easily. For use with Vibra-Clean PC Emitters

PUMK	Large Hole Miracle Punch	$14.95
PUMKTIP	Large Hole Replacement Tip	$8.95

Vibra-Clean PC Emitters

These low-profile emitters have a screened inlet to prevent clogging and a wider operating pressure range than most pressure compensating emitters. They can be easily inserted into mainline tubing using a manual punch or the Installation Gun.

- Pressure range of 5-60 PSI
- More consistent flow rates
- Tapered barb for easy installation
- Replacement for Katif emitters
- Use with ½" or larger tubing

DOV12	1/2 GPH (green) $3.49/10	$26.95/100
DOV1	1 GPH (blue) $3.49/10	$26.95/100
DOV2	2 GPH (red) $3.49/10	$26.95/100

Vibra-Clean Installation Gun

This one-step tool saves time and effort. It will insert a Vibra-Clean PC Emitter into ½" tubing without pre-punching a hole. It is ONLY for use with Vibra-Clean PC Emitters.

DOVTOOL Installation Gun $26.95

Large Hole Punch/Insert Tool

Use one end of this tool to make a large hole in ½" or larger tubing. Use the other end as an inserter for Vibra-Clean emitters.

PUB Black-Handled Punch $7.95

Our popular low-cost, non-pressure compensating emitters work great at low water pressures.

We recommend using a 20 PSI pressure regulator or lower (P. 50) with these emitters.

Take-Apart Emitter

Take-Apart Emitters have a locking cap that can be removed for cleaning. The beveled barb end is the inlet and the flag end is the outlet. These emitters are great for low-pressure systems.

Note: The flag end is the outlet.

DTA1-10	1 GPH @ 15 PSI (black)	$2.49/10
DTA1-50	1 GPH @ 15 PSI (black)	$10.95/50
DTA1-100	1 GPH @ 15 PSI (black)	$19.95/100
DTA2-10	2 GPH @ 15 PSI (blue)	$2.49/10
DTA2-50	2 GPH @ 15 PSI (blue)	$10.95/50
DTA2-100	2 GPH @ 15 PSI (blue)	$19.95/100
DTA4-10	4 GPH @ 15 PSI (green)	$2.49/10
DTA4-50	4 GPH @ 15 PSI (green)	$10.95/50
DTA4-100	4 GPH @ 15 PSI (green)	$19.95/100

Great for Compost Tea!

Growers Choice

Non-Plugging Emitter

If your water supply is very dirty (pond or irrigation ditch) and fine screen filters clog quickly, this is the answer. First use a coarse, 30-50 mesh screen filter to capture large particles. Then use these Non-Plugging Emitters, which pass particles that would plug up most other emitters. A minimum of 15 PSI is required for these emitters to work properly. Use at the end of ¼" tubing or install directly into mainline. This emitter has different sized barbs and will work in either direction.

DNS1	1 GPH @ 20 PSI $7.95/10	$69.95/100

Pot Dripper

This is a basic container dripper with a 2" hold down stake and a threaded inlet. Note: A ¼" Transfer Barb (14TB, p. 17) and ¼" tubing are needed to connect this emitter to the mainline. Pot Drippers may also be used with ⅛" tubing and fittings (p.15,17).

DPOT12	½ GPH @ 15 PSI (red) $3.95/10	$31.95/100
DPOT1	1 GPH @ 15 PSI (black) $3.95/10	$31.95/100

Inline Emitter

Use with ¼" tubing to make your own inline emitter tubing. Can also be added into existing ¼" lines at any time. Perfect for unevenly spaced plants. For larger plants, just add more emitters. To use, cut tubing where you want an emitter and insert the barbed ends. Use a goof plug (p. 17) to end the line.

Note: ¼" tubing has a maximum flow of about 30 GPH. Do not put too many emitters on any ¼" line.

DTMIL12-10	½ GPH @ 15 PSI (red)	$2.95/10
DTMIL12-50	½ GPH @ 15 PSI (red)	$11.95/50
DTMIL1-10	1 GPH @ 15 PSI (black)	$2.95/10
DTMIL1-50	1 GPH @ 15 PSI (black)	$11.95/50
DTMIL2-10	2 GPH @ 15 PSI (green)	$2.95/10
DTMIL2-50	2 GPH @ 15 PSI (green)	$11.95/50

Punch and Insert Tool

Makes insertion of Take-Apart Emitters (on left) much easier!

PUDTA	Punch and Insert Tool	$4.79

Use these barbed fittings with Oval Hose, Polyethylene Mainline Tubing or ½" Emitter tubing.

Couplers and Reducing Couplers

Coupler			Reducing Coupler		
Part	Size	Price	Part	Size	Price
BCDURA	½"	$0.69	BRC3412	¾" x ½"	$1.19
BC34DURA	¾"	$0.79	BRC112	1" x ½"	$1.29
BC1	1"	$0.79	BRC134	1" x ¾"	$1.39

Tees and Reducing Tees

Tee			Reducing Tee		
Part	Size	Price	Part	Size	Price
BTDURA	½"	$1.49	BRT3412	¾" x ½"	$1.89
BT34DURA	¾"	$1.69	BRT134	1" x ¾"	$2.19
BT1	1"	$2.19	BRT112	1" x ½"	$2.19
			BRT11212	1½" x ½"	$4.95
			BRT1121	1½" x 1"	$4.95

Lighter duty fittings that save you money.

Part	Size	Fitting Type	Price
BC	½"	Coupler	$0.49
BC34	¾"	Coupler	$0.59
BT	½"	Tee	$0.78
BT34	¾"	Tee	$1.19
BPAN	½"	Plug	$0.42
BPAN34	¾"	Plug	$0.54
BL	½"	Elbow	$0.69
BL34	¾"	Elbow	$0.89
BFH	Hose x ½" Barb	Female Hose	$1.09
BFH34	Hose x ¾" Barb	Female Hose	$1.19
BMH	Hose x ½" Barb	Male Hose	$1.82

Elbows and Plugs

Elbow			Plug		
Part	Size	Price	Part	Size	Price
BLDURA	½"	$1.49	BP	½"	$1.29
BL34DURA	¾"	$1.85	BP34	¾"	$1.39
BL1	1"	$1.95	BP1	1"	$1.89

Barbed Valves*

Barbed Valve			
Part	Size	Tubing ID	Price
BVA	½"	.600"	$2.59
BVA34	¾"	.820"	$3.95
BVA1	1"	--	$4.95

Note: For larger barbed fittings and hose clamps see www.DripWorks.com

*These Valves are not PVC

Pipe Thread by Barb

Female Pipe			Male Pipe		
Part	Size	Price	Part	Size	Price
BFP12	½"	$3.49	BMP12	½"	$0.69
BFP34	¾"	$3.49	BMP34	¾"	$0.89
BFP1	1"	$3.95	BMP1	1"	$0.89

Stainless Steel Crimping Clamps

These gap-free clamps are an inexpensive solution for commercial and industrial applications. They are easy to install, secure to 100 PSI and will not loosen up over time. Crimping clamps must be cut off for removal. *They are not reusable.*

Note: Will not fit on thicker walled, high density poly pipe (HDPE). Install with the Crimping Tool (BOTOOL).

BOSS12	Clamp for ½" Drip Tubing $2.80/10	$20.00/100
BOSS34	Clamp for ¾" Drip Tubing $3.20/10	$25.00/100
BOSS1	Clamp for 1" Oval Hose $3.50/10	$28.00/100
BOTOOL	Crimping Tool	$24.00

Hose Thread by Barb

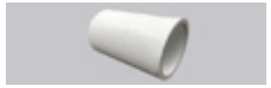
Female Hose Start (Swivel)			Male Hose		
Part	Size	Price	Part	Size	Price
BFHDURA	½"	$2.95	BMH34	¾"	$1.89
BFH34DURA	¾"	$2.95			
BFH1	1"	$2.95			
Note: Hose threads are always the same size.					

These fittings are made of schedule 40 PVC plastic and may vary in color.

Stainless Steel Tubing Clamps

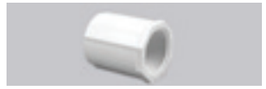
American, high quality stainless steel clamps with stainless bands and gears. Stronger and longer-lasting than standard imports with just stainless bands. Use on barbed fittings when pressure is greater than 20 PSI.

BSHC12	½" Clamp Size #8	$13.95/10
BSHC	½" or ¾" Clamp Size #12	$13.95/10
BSHC1	1" Clamp Size #16	$13.95/10



Coupler (S x S)

Part	Size	Price
P12C	½"	$0.25
P34C	¾"	$0.35
P3412RC	¾" x ½"	$0.65
P1C	1"	$0.65
P114C	1¼"	$0.89
P112C	1½"	$0.89
P2C	2"	$1.29

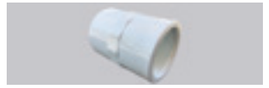


Threaded Coupler (FPT x FPT)

Part	Size	Price
P12TC	½"	$0.49
P34TC	¾"	$0.89
P3412TRC	¾" x ½"	$1.19
P1TC	1"	$1.19
P134TRC	1" x ¾"	$1.79
P112TC*	1½"	$7.95

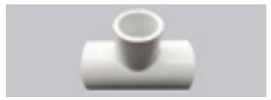
Male Adapter (MPT x S)

Part	Size	Price
P12MA	½"	$0.35
P34MA	¾"	$0.39
P34M12S	¾" x ½"	$0.65
P1MA	1"	$0.69
P114MA	1¼"	$0.89
P112MA	1½"	$1.19
P2MA	2"	$1.49



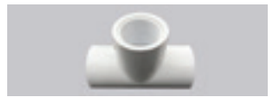
Female Adapter (FPT x S)

Part	Size	Price
P12FA	½"	$0.45
P34FA	¾"	$0.59
P34F12S	¾" x ½"	$0.79
P1FA	1"	$0.65
P112FA	1½"	$1.19
P2FA	2"	$1.49



Tee (S x S x S)

Part	Size	Price
P12T	½"	$0.49
P34T	¾"	$0.59
P1T	1"	$1.05
P114T	1¼"	$1.59
P112T	1½"	$1.85
P2T	2"	$2.89



Combo Tee (S x S x FTP)

Part	Size	Price
P12STT	½"	$0.59
P3412STT	¾" x ½"	$0.79
P34STT	¾"	$0.89
P112STT	1" x ½"	$1.19
P134STT	1" x ¾"	$1.69
P1STT	1"	$1.69

Reducing Tee (S x S x S)

Part	Size	Price
P3412RT	½"	$0.59
P112RT	¾"	$0.98
P1121RT	1½" x 1"	$2.79
P11234RT	1½" x ¾"	$2.79

Marlex Street Ell (MPT x FPT)

Part	Size	Price
PMAR1290	½"	$0.65
PMAR3490	¾"	$0.85

Schedule 80 PVC Nipples and Risers

Part	MPT	Length	Price
P12CN	½"	1¼"	$0.29
P122N	½"	2"	$0.39
P1212N	½"	12"	$0.89
P34CN	¾"	1½"	$0.39
P342N	¾"	2"	$0.39
P344N	¾"	4"	$0.59
P12N	1 "	2"	$0.52
P23N	2"	3"	$1.89

Tank Adapters with Neoprene Washer

Part	Size FPT I.D.	Price
P34TAD	¾"	$11.95
P1TAD	1"	$14.95
P112TAD	1½"	$16.95
P2TAD	2"	$18.95

These are used as outlets for storage tanks, ponds and rain-water barrels. Creates a water-tight seal with minimal effort.

Note: To make an outlet with shutoff for a rainbarrel, use P34TAD (p. 46), AMHMP (p. 49) and HSO (p. 48).

Slip Union

Part	Size	Price
P12SU	½"	$3.95
P34SU	¾"	$4.95
P1SU	1"	$6.95
P112SU	1½"	$12.95
P2SU	2"	$15.95

Threaded Union

Part	Size	Price
P12TU	½"	$3.95
P34TU	¾"	$5.19
P1TU	1"	$6.95
P112TU	1½"	$12.95
P2TU	2"	$15.95

Gorilla PVC Cement

Gorilla Glue is virtually odorless, non-flammable and user safe. Environmentally friendly and cleans up with water. It needs no primer and works on all sizes of PVC pipe, from the smallest up to 6" diameter. May be applied from 32° to 140° F.

PCG4 4 oz $10.95
PCG8 8 oz $15.95
PCGPT Pint $24.95

Red Hot Blue Glue

A favorite with contractors. Blue, medium body, fast-setting cement. For quick pressurization and demanding conditions. Can also be used with IPS tubing and flexible PVC. Rated up through 6" PVC. Low odor. No primer needed.

PCBG4 4 oz $6.95
PCBG8 8 oz $9.95
PCBGPT Pint $14.95

Thread Sealant Tape

Every pipe-threaded fitting should be wrapped with thread sealant tape or sealed with pipe dope. Wrap 3-4 layers clockwise around the threads before connecting the parts.

PCTEF 520" x ½" Roll $1.29

Bushing (S x S)

Part	Size	Price
P3412B	¾" x ½"	$0.37
P112B	1" x ½"	$0.69
P134B	1" x ¾"	$0.69
P11234B	1½" x ¾"	$0.95
P1121B	1½" x 1"	$0.95

Bushing (S x FPT)

Part	Size	Price
P3414STB	¾" x ¼"	$0.79
P3412STB	¾" x ½"	$0.59
P112STB	1" x ½"	$0.95
P134STB	1" X ¾"	$0.95
P11234STB	1½" x ¾"	$1.69
P1121STB	1½" x 1"	$1.69

Threaded Bushing (MPT X FPT)

Part	Size	Price
P3412TTB	¾" x ½"	$1.05
P112TTB	1" x ½"	$1.49
P134TTB	1" x ¾"	$1.49
P11234TTB	1½" x ¾"	$2.59
P1121TTB	1½" x 1"	$2.79

*PVC Insert x MPT

Part	Size	Price
P12MFA	½"	$0.65
P34MFA	¾"	$0.69
P1MFA	1"	$1.19
P112MFA	1½"	$1.95

*Glues into PVC socket

Elbow (S x S)

Part	Size	Price
P1290	½"	$0.39
P3490	¾"	$0.45
P3412R90	¾" x ½"	$0.79
P190	1"	$0.79
P11490	1¼"	$1.39
P11290	1½"	$1.49
P290	2"	$2.29

45° Elbow (S x S)

Part	Size	Price
P1245	½"	$0.69
P3445	¾"	$0.98
P145	1"	$1.19
P11245	1½"	$2.19
P245	2"	$2.69

Slip Cap

Part	Size	Price
P12CA	½"	$0.32
P34CA	¾"	$0.37
P1CA	1"	$0.59
P112CA	1½"	$0.89
P2CA	2"	$1.09

Threaded Cap

Part	Size	Price
P12TCA	½"	$0.69
P34TCA	¾"	$0.79
P1TCA	1"	$1.19

PVC Lock Fittings

Use these Hydro-Rain PVC Lock Male Adapters to connect female pipe thread (FPT) components to PVC pipe. Simply push the pipe into the PVC Lock Male Adapter until it locks into place

Key for PVC fitting types:
S = Slip (socket) *FPT = Female Pipe Thread*
T = Threaded *MPT = Male Pipe Thread*

PVC Lock Coupler

Part	Size	Price
PVL34C	¾"	$2.59
PVL1C	1"	$3.29
PVL134RC	1" x ¾"	$3.15

PVC Lock Elbow

Part	Size	Price
PVL34L	¾"	$2.59
PVL1L	1"	$3.69

PVC Lock Tee

Part	Size	Price
PVL34T	¾"	$3.79
PVL1T	1"	$4.29

PVC Lock Male Adapter

Part	Size	Price
PVL34MA	¾"	$2.39
PVL1MA	1"	$2.49

More PVC Lock Parts and Installation/Removal Tools online at:www.DripWorks.com/category/pvc-lock-fittings

Part	Size	Price
P12FLEX	½"	$4.95
P34FLEX	¾"	$5.95
P1FLEX	1"	$7.50

Note: Flex fittings are not rated for constant (static) pressure.

PVC Flex Fittings

These handy 18" PVC Flex Couplings make PVC installation and repairs a breeze! The schedule 40 PVC slip socket ends glue over PVC pipe, and the flexible PVC body can be bent to accommodate unusual angles making them perfect for those tight corners in your irrigation system.

- Flexible PVC construction
- Female PVC slip socket ends
- Outdoor, underground use only

PVC Repair Couplers

- Reusable
- Chemical Free
- No glue needed
- Essential PVC repair part

These Hydro-Rain PVC Lock Slide Repair Couplers are the easiest way to repair a PVC pipe. Simply push the pipe into the PVC Lock Coupler to lock in place, then pull slide insert out to desired length.

PVL34SR ¾" Repair Coupler $5.95
PVL1SR 1" Repair Coupler $7.49

High Pressure Extension Hose - (150 PSI)

When a valve assembly is so large that it stresses a hose bib, lower it to the ground with a high pressure extension hose. Designed for constant pressure. FHT x MHT brass ends.

HPEX3 3' Extension Hose.....$12.95
HPEX5 5' Extension Hose.....$16.95

Extension Hose

Hose Saver – Timer Saver

Protect your timer by installing this 8" high-pressure hose between your faucet and timer. Designed for constant pressure.

HPSAV Hose Saver/Timer Saver..... $9.95

HPSAV

Hose Shutoff

This hose thread manual shutoff is very handy to have at the end of a hose.

HSO Plastic Hose Shutoff..... $1.79
HSOBR Brass Hose Shutoff with Swivel $6.95

HSO

HSOBR

Faucet Angle Adapters with Swivels

Use these fittings to adapt a faucet that is too low to the ground or to change the angle of a hose bib. All have standard hose ends.

HFAA90 PVC 90°Adapter.....$4.95
HFAVBR Brass 45°Adapter w Shutoff.$6.95
HFAA PVC 45°Adapter.....$7.95

HFAA90

HFAVBR

HFAA

3-Way PVC Splitter

A ¾" PVC splitter with brass swivel made by DripWorks for use with multiple timers. Use with hose extension above.

HSPL3 3-Way Splitter $14.95
HSPL3SO 3-Way Splitter w/ 3 HSO Shutoffs $19.95

HSPL3SO

Female Hose Plug

HPLUG Plastic Hose Shutoff..... $1.49

HPLUG

Ball Valves

Full Port!

Lead-free!

SIZE	PVC Ball Valve (Threaded)		PVC Ball Valve (Slip)		Brass Ball Valve Threaded		(PVC Union) Ball Valve*		
½"	P12BVT	$2.95	P12BVS	$2.95	VBBILF12	$ 8.95	P34UNBV	¾"	$8.95
¾"	P34BVT	$3.95	P34BVS	$3.95	VBBILF34	$13.95	P1UNBV	1"	$15.95
1"	P1BVT	$4.95	P1BVS	$4.95	VBBILF1	$19.95	P112UNBV	1½"	$21.95

These union ball valves are easier to install and are less expensive than buying the valve and union separately. Each comes with two slip ends and two threaded ends for more flexibility. The valve body is easily removable for maintenance and/or replacement. Larger Ball Valves are available online at: DripWorks.com/category/ball-valves

Brass 4-Way Splitter

A heavy duty brass splitter with built-in valves and hose swivel. Use with hose extension on left.

HSPL4B 4-Way Splitter $24.95

HSPL4B

Hose Y with Valves

Run two drip systems (with or without timers) from one faucet or leave one outlet available for a garden hose.

HYV Plastic Hose Y $2.49
HYVBR Brass Hose Y with Swivel.....$9.95
HYVHI Brass Full Port Hose Y with Swivel $21.95

HYV

HYVBR

HYVHI

High Flow Hose Fittings

Heavy duty, full port hose fittings allow for a higher flow at a lower price than the brass above. These have easy to grip shut-off handles and female swivel inlets.

HSOHPL Hose Shutoff (Plastic).....$5.95
HSOAL Hose Shutoff (Aluminum)...$9.79
HYVHPL Hose Y (Plastic) $7.95
HYVAL Hose Y (Aluminum) $11.95

HSOHPL

HSOAL

HYVHPL

HYVAL

Quick Connects

A fast and convenient way to change hoses without shutting off the water or unscrewing fittings. Brass fittings will take more abuse and allow a higher flow. Brass and plastic Quick Connects are not inter-changeable.

Brass Quick Connect Set

HSTOPBR Brass Set $6.95
HMHABR Brass Male End.....$2.95

HSTOPBR

HMHABR

Plastic Quick Connect Set

HSTOPSET 1 female/2 male ends..... $3.19
HMHA Male Ends (set of 2)..... $1.19

HSTOPSET

HMHA

Come together: Essentials for connecting unlike threads.

Hose to Pipe Adapters

Not all components in a system have the same type and size of threads. Use these fittings to connect unlike threads. Thread sealant tape (p. 46) on pipe threaded connections prevent leaks.

Note: Hose threads are always uniform in size.

Female Hose x ¾" Female Pipe

AFHFP Dura PVC Swivel.....$1.95
AFHFPB Solid Brass.....$4.95
AFHFPBS Brass Swivel $4.49

(not shown)

Male Hose x ¾" Male Pipe

AMHMP Polypropylene.....$0.55
AMHMPB Solid Brass.....$3.95

Female Hose x ¾" Male Pipe

AFHMP Dura PVC Swivel.....$1.95
AFHMPB Solid Brass.....$3.95

Female Hose x Female Hose

AFHFH Dura PVC Swivel.....$1.95
AFHFHBS Brass Swivel $4.49

Male Hose x Male Hose

AMHMH Plastic.....$0.85
AMHMHB Solid Brass.....$3.95

Male Hose x ¾" Female Pipe

AFPMH PVC $1.79
AFPMHB Solid Brass..... $3.95

PVC Glue-In x Hose End

We carry both female and male hose ends for PVC pipe. AFHI and AMHI fittings will glue onto ½" PVC pipe or into ¾" PVC slip fittings (see p. 46-47).

AFHI Female Hose Swivel $1.49
AMHI Male Hose..... $1.29
AMHI12* ½" x Male Hose..... $0.95
*Glues into ½" PVC fitting.

Sprinkler to Drip Fittings

The fittings below have ½" FPT inlets to convert lawn sprinkler risers to a drip system

½" FPT x Male Hose Elbow (w/Shutoff)

To start a drip system; attach a hose threaded filter (p. 19), then a female hose start (ELFH, p. 9).

RLSO ½" FPT Adapter $3.79

Outlet
Inlet

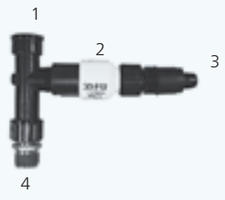
Male Hose x ½" Female Pipe

This versatile fitting has standard male hose threads (MHT) on one end and ¾" male pipe threads (MPT) on the other end. Inside the ¾" MPT end is ½" female pipe threads (FPT).

AMH12FP Male Hose x ½" Female Pipe..... $0.80

DRIPT!PS Assembly examples of common timer, filter and pressure regulator assemblies.

Adapters may be used to connect pipe threaded components to hose threads. To prevent damage to the fittings use a high pressure hose extension (p. 48) when connecting the assembly to the faucet. Timers should not rest directly on the ground.



1. Tee Filter (FT200, p. 19)
2. Senninger Regulator (PRSG10, p. 50)
3. Easy Loc Female Hose Start (ELFH, p. 9)
4. Male Hose x ½" Female Pipe Adapter (see AMH12FP above)

The above setup is used for small drip systems and to convert a sprinkler riser to a drip system (see sprinkler to drip fittings above)

1. Brass Hose Y (HYVBR, p. 48)
2. Battery Timer (TGNHOSE, p. 54)
3. Filter (FYCH200, p. 19)
4. Senninger Regulator (PRSG30, p. 50)
5. Easy Loc Female Hose Start (ELFH, p. 9)

1. Hose to Pipe Adapter (AFHFPBS, this page)
2. Amiad Tagline Filter (FAMCP34, p. 20)
3. Senninger Limit Valve (PRLV40, p. 50)
4. Hose to Pipe Adapter (see AMHMP above)
5. 4-Way Brass Splitter (HSPL4B, p. 48)
6. Battery Timer (TGNHOSE, p. 54)
7. Easy Loc Female Hose Start (ELFH, p. 9)

***Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov. *Note: Applies to brass fittings only.*

Senninger: Our most reliable water pressure regulators.

Low Flow (0.1 to 8 GPM)

Hose Thread x Hose Thread

FHT x MHT for use with Tee filters, Inline filters or Hose threaded Y filters (p. 19).

PRSLHH12	12 PSI	90*	$12.95
PRSLHH20	20 PSI	100*	$12.95
PRSLHH30	30 PSI	110*	$12.95

Pipe Thread x Hose Thread

¾" FPT x MHT for use with pipe threaded Y filters.

PRSLPH12	12 PSI	90*	$12.95

Pipe Thread x Pipe Thread

¾" FPT x ¾" FPT for use with pipe threaded Y filters.

PR12	12 PSI	90*	$10.95
PR20	20 PSI	100*	$10.95

Medium Flow (2-20 GPM)

Pipe Thread x Pipe Thread

¾" FPT x ¾" FPT

PRSMPP12	12 PSI	90*	$12.95
PRSMPP20	20 PSI	100*	$12.95
PRSMPP30	30 PSI	110*	$12.95
PRSMPP40	40 PSI	120*	$12.95

Pipe Thread x Hose Thread

¾" FPT x MHT

PRSMPH12	12 PSI	90*	$13.95
PRSMPH30	30 PSI	110*	$13.95

Pipe Thread x Pipe Thread

1" FPT x 1" FPT

PR1S12	12 PSI	90*	$14.95
PR1S25	25 PSI	105*	$14.95
PR1S40	40 PSI	120*	$14.95

High Flow (10-32 GPM)

Pipe Thread x Pipe Thread

1¼" FPT x 1" FPT

PRSH10	10 PSI	90*	$27.95
PRSH30	30 PSI	110*	$27.95

FPT=Female Pipe Threads FHT=Female Hose Threads
MPT=Male Pipe Threads MHT=Male Hose Threads

Pipe Thread

Female pipe thread regulators are for use with valves or pipe thread filters. Can be adapted to hose threads with an AFHMP (p. 49) on the inlet side.

*Amount of incoming static pressure the regulator can handle.

Senninger Garden Regulators

Our best selling regulator. It is ideal for low volume drip systems. Impact resistant body (3½" long). Use with Tee filters, Inline filters or Hose Threaded Y filters. Flow range is 0.5-7 GPM. FHT x MHT.

PRSG10	10 PSI	90*	$7.95
PRSG20	20 PSI	100*	$7.95
PRSG30	30 PSI	110*	$7.95
PRSG40	40 PSI	120*	$7.95

Olson Static Regulators

The Only Hose Threaded Static Regulator We Carry! A low cost, compact, constant pressure regulator. Just 2½" long. Maximum inlet pressure is 100 PSI. Flow range of 0.5-7 GPM. FHT x MHT. Can be installed before valves and timers. Use with Tee filter, Inline filter or Hose Thread Y filters.

PROH10	10 PSI	$9.95
PROH25	25 PSI	$9.95

Senninger Limit Valves

Use these constant pressure regulators before timers, valves and shutoffs to reduce line pressure and extend the life of the system. Flow range is 0.5-18 GPM. FPT x FPT

Note: When system is not operating, a 30 PSI Limit Valve will allow up to 45 PSI in the system.

PRLV10	10 PSI	¾"	$19.95
PRLV20	20 PSI	¾"	$19.95
PRLV30	30 PSI	¾"	$19.95
PRLV40	40 PSI	¾"	$19.95
PR1LV30	30 PSI	1"	$24.95

Maximum Pressure 125 PSI

DRIPT!PS

How to Select a Pressure Regulator

A regulator reduces incoming water pressure (PSI) that is too high for drip systems. Regulators (except the Senninger Limit Valve and Olson Static Regulator) must be placed downstream of valves or timers to prevent damage from constant pressure.

Choosing the Right Regulator	10-12 PSI	20 PSI	30 PSI	40 PSI
Drip Tape p. 12	■			
Non PC Emitters p. 44	■	■	■	
¼" Soaker Dripline p.16	■	■	■	
Mini Sprinklers p. 38		■	■	
Misters p. 40			■	■

*Max Inlet Pressure

Galcon 6 Station Greenhouse AC Timer

Stations: 6
Programs: 4 Independent programs/station
Start Times: 4 in Irrigation mode 1 per minute in Propagation mode
Duration in Propagation Mode
1 second increments
Duration in Irrigation Mode:
1 min. increments up to 5 min.
5 min. increments up to 15 min.
1 hour increments up to 23 hours
1 day increments up to 30 days
Weekly Schedule: Days of week, AM/PM modes
Watering Intervals: 1 to 30 days
Ports: Pumpstart/Master Valve, Rain Sensor (Use TGALMS, available online at dripworks.com)
Battery Backup: 9 volt alkaline (not included)
Warranty: 3 years
Special Features: Program specific 'windows' of time. Operate two valves simultaneously.

TGNGR6	6 Station Indoor Timer	$99.95

Baccara AC Valve

The only electric AC valve that works with low-pressure and low flow. Baccara valves have a large pressure range of 4.3 to 140 PSI and a very low head loss at high flow rates (see chart). Their efficient design and advanced technology plastics make the valves strong with very low maintenance.

- Female pipe thread (FPT) inlet and outlet
- Use these 24 volt AC valves with electric AC timers
- Pressure Range: 4.3 - 140 PSI
- Flow Range: 3/4" valve: 0.5 - 22 GPM
- Flow Range : 1" valve: 0.5-29 GPM

Special Features:

- Flow control handle
- Automated or manual operation
- Progressive opening/closing reduces water hammer

VBAC34	3/4" Baccara AC Valve	$27.95
VBAC1	1" Baccara AC Valve	$29.95

Rainbird Anti-Siphon Valves

This is the only anti-siphon valve we have found that is specifically designed for the low flow of a drip system. Pressure range is 15-150 PSI. 3 year warranty.

Note: The top of the valve should be 6" above the highest emitter in the system.

VRBAS34	¾" Anti-siphon valve, 0.2- 22 GPM* with 7 PSI pressure loss	$32.95
VRBAS1	1" Anti-siphon valve, 0.2- 40 GPM*	$32.95

Hunter Pro C AC Timer

This affordable, full-featured, 4 station timer is designed for commercial and residential use. A removable faceplate and large LCD make programming easy from any location.
Stations: 3 (up to 16 with modules)
Programs: 3
Start Times: 4 per program
Duration: 1 minute to 6 hours
Weekly Schedule: Days of week, odd/even days
Watering Intervals: 1 to 31 days
Ports: Pumpstart/Master Valve, Rain sensor with bypass
Battery Backup: Unnecessary
Warranty: 2 years
Special Features: Programmable delay between stations (0 seconds to 4 hours), programmable rain delay, optional remote control
Maximum valves open: 1 master plus 2 valves

Expandable!

THPREXT4	4 Station Exterior Timer	$169.95
THPRINT4	4 Station Interior Timer	$164.95
THPRMOD	3 Station Add-On Module*	$49.95
THPRMOD9	9 Station Add-On Module*	$189.95

4 to 12 Station AC Timer

These controllers are especially suited for greenhouse and misting applications. Easy to install and operate.
Start Times: Up to 4 per valve per day in weekly schedule mode; multiple start times available in misting mode. Weekly/ Cyclical programming.
Duration: 1 second to 12 hours.
Stations: Available in 4, 6, 9 or 12 station models.
Battery Backup: 9 volts alkaline (not included)
Water Intervals: once a minute to once every thirty days

TGNAC4		$159.95
TGNAC6		$169.95
TGNAC9		$189.95
TGNAC12		$199.95

Galcon AC In-line Valves

These high-quality 24 volt AC valves are compatible with most AC timers. Dorot valves feature an easy to use manual on/off switch, female pipe thread (FPT) inlet and outlet, flow control stem, and a wide flow range. Pressure range for all valves is 7-145 PSI.

VGNAC34	¾" Valve	0.5-26 GPM	$21.95
VGNAC1	1" Valve	0.5-44 GPM	$21.95
VGN112	1½" Valve	22-140 GPM	$62.95
VGN2	2" Valve	22-176 GPM	$64.95

These are commercial-grade battery-operated timers with full flow, inline valves. The valves can be used above ground or in underground valve boxes. All Galcon Timers have a three year warranty.

1 to 4 Station Battery Timers

Start Times: Up to 4 per valve per day. Daily/Monthly programming.
Duration: 1 minute to 12 hours
Stations: 1 or 4 station models. Use with Galcon DC valves, sold separately.
Batteries: One 9 volt alkaline*
Special Features: Independent programming for each valve, manual operation, rain sensor capable, master valve capable, and weather resistant.

TGN1ST 1 Station $94.95
TGN4ST 4 Station $99.95

For a six station alternative see the TGNGH6

6 to 12 Station Battery Timers

Start Times: Up to 4 per valve per day in irrigation mode; multiple start times available in misting mode. Weekly/Cyclical programming.
Duration: 1 second to 12 hours.
Stations: Available in 6, 9 or 12 station models.
Use with Galcon DC valves, sold separately.
Batteries:
TGNDC6: Two 9 volt alkaline*
TGNDC9: Four 9 volt alkaline*
TGNDC12: Four 9 volt alkaline*

Special Features: Irrigation or propagation modes. Independent programming for each valve, rain sensor capable, manual operation, sensor port to individual valves, master valve capable, seasonal adjustment by program, and weather resistant.

TGNDC6 6 Station $159.95
TGNDC9 9 Station $229.95
TGNDC12 12 Station..... $249.95

*Batteries Not Included

**Using pipe dope on any valve will void the warranty. Always install valves horizontally.

Greenhouse Battery Timers

Start Times: Up to 4 per valve per day in irrigation mode; multiple start times available in misting mode. Weekly/Cyclical programming.
Duration: 1 second to 12 hours
Stations: 1 or 6 station models
Use with Galcon DC valves, sold separately
Batteries:
TGNGH: One 9 volt alkaline*
TGNGH6: Two 9 volt alkaline*
Special Features: Can be used as a standard irrigation or propagation timer. Independent programming for each valve, manual operation, rain sensor capable, master valve capable, and weather resistant.

TGNGH 1 Station $94.95
TGNGH6 6 Station $129.95

Galcon Battery Valves – 2 wires

- Battery or manual operation
- Use with Galcon DC Battery timers (this page)
- Female pipe thread inlet and outlet
- Pressure Range: 10 to 150 PSI

VGNDC34 3/4" DC Valve w/ Flow control (.1-28 GPM)..$34.95
VGNDC1 1" DC Valve w/ Flow control (.2-35 GPM)..... $36.95
TGNVA112 1½" Valve (20-130 GPM) $74.95
TGNVA2 2" Valve (30-160 GPM) $78.95

Replacement Latching Solenoid for all Galcon Battery Valves

Galcon latching solenoid for battery-operated controllers.

Coil resistance: 3.0Ω minimum pulse
Leads: 31" (80cm) red/blackSolenoid thread: 3/4 -20

TGNSOL Replacement Solenoid $17.95

Baccara Battery Valve

The only DC valve that works with low pressure and low flow.

- ¾" Female pipe thread inlet and outlet
- Flow Range: 0.5-22 GPM
- Pressure Range: 4.3- 145 PSI

TDCBAC34 ..... $34.95

DIG Valve

- ¾" Flow range: .1-28 GPM
- Pressure Range: 10-150 PSI
- Smooth open/close to prevent pressure surge hazards
- Self-cleaning diaphragm provides reliable operation even with contaminated water
- Flow Control handle for water adjustment and manual shutoff

TDIGVA34 ..... $39.95

Dial Timer

Start Times: Every 3, 6, 12 hours or 1, 2, 3, 4, 7 or 14 days
Duration: 2, 5, 10, 15, 30, 45 minutes 1, 3, 6 or 9 hours
Pressure Range: 15 to 145 PSI
Flow Range: 0.5 to 5.2 GPM @ 30 PSI
Batteries: One 9 volt alkaline*
Special Features: Easiest programming of any battery operated timer, start delay.

TGNDIAL Dial Timer $41.95

Easy Program LCD Timer

Start Times: Every hour, or up to once a week
Duration: 1, 2, 5, 10, 15, 30, 45 min. or 1, 2, or 4 hours
Pressure Range: 15 to 115 PSI
Flow Range: 0.5 to 5.2 GPM @ 30 PSI
Batteries: One 9 volt alkaline*
Special Features: Sturdy, compact body with a flip open panel. LCD display powers down to extend battery life. Manual override. Watertight battery compartment.

TGNEZ EZ Flip Open LCD Timer $42.95

"#1 Choice of Homeowners"

Multi-Valve LCD Timer

Single program timer for up to 4 hose-mounted valves. Valves operate in sequence. Includes 4-outlet manifold, timer and two valves (add two more valves as needed). Wall mount included, also works well on the ground with hose extension (p. 48).

Start Times: Up to 3 per day - select specific days of the week
Duration: 1 to 99 minutes (per valve)
Pressure Range: 10 to 80 PSI
Flow Range: 0.5 to 6.5 GPM per each valve
Batteries: Two AA alkaline*

TOR4W Multi-Valve LCD Timer with two valves..... $89.95
TOR4VA Add-on Valve $19.95

Manual irrigation timer: when you need the control

Single Outlet Wind-Up Timer

Simply turn the dial each time you want it to water and the timer will automatically shut off the water flow. One-year warranty.
Duration: Up to 120 minutes
Pressure Range: 5 to 120 PSI
Flow Rate: Up to 8 GPM
Special Features: Comfort grip handle, manual on/off

TORWU Single Outlet Wind-Up Timer..... $14.95

* Batteries Not Included. *Alkaline batteries available online*

Timers for tough spots.

A great choice for low pressure systems

Zero Pressure Timer

Unlike most timers, this timer does not require pressure to operate. Works great on a faucet, or attached to a tank or barrel. This universal timer can be used for any home or garden situation and it will also operate at extremely high pressure.
Start Times: Every hour, up to once a week
Duration: 1, 3, 10, 15, 20, 30, 45, 60, 90, or 120 min.
Pressure Range: 0 to 125 PSI
Flow Range: Up to 6 GPM @ 50 PSI
Batteries: Two AA alkaline*
Special Features: Easy to program dials, manual on/off, and low battery indicator.

TOZPT Zero Pressure Timer $37.95

A great off-grid solution where battery or electric timers just won't cut it

LEIT Solar Timer

Powered by ambient solar light, this DIG timer is the world's first sustainable irrigation timer with no battery or AC power source! No direct sunlight required.

Start Times: Up to 5 per day
Duration: 1 minute to 6 hours
Pressure Range: 10 to 150 PSI
Flow Range for TDLT34: 0.1 GPM to 25 GPM
Flow Range for TDLT1: 0.1 GPM to 30 GPM
Ports: Rain sensor compatible, see online
Special Features: Manual on/off, power saving LCD screen, monthly seasonal adjustment (0-200%), flow control handle, timer is removable from valve for easy programming. Valves have female pipe thread (FPT) inlet and outlet.

Waterproc

TDLT34 Solar Timer with ¾" Valve $97.95
TDLT1 Solar Timer with 1" Valve..... $99.95

DIG Hose Solar Timer

The DIG Waterproof Solar Powered Timer is an environmentally friendly timer functioning only on clean, renewable, solar power without the need of a backup battery or AC power. The ¾" hose thread inlet and outlet make it easy to attach to any faucet or ¾" hose thread fitting.

Start Times: Up to 4 per day
Duration: 1 minute to 5 hours and 59 minutes
Pressure Range: 10-100 PSI
Flow Range: .1-8 GPM
Special Features: Powered by ambient light, easy to install, and it features a large LCD screen that makes it easy to read and program. Rain sensor capable and manual operation available.

TDIGSOLAR $54.95

Manage one to several Bluetooth-enabled timers from your Smartphone or Tablet with Galcon's highly-intuitive, easy-to-program free app (Android and iOS).

LCD Timer

Start Times: Up to 4 per day
Daily/Weekly or cyclical programming
Duration: 1 minute to 12 hours
Pressure Range: 15 to 145 PSI
Flow Range: 0.5 to 5.2 GPM @ 30 PSI
Batteries: One 9 volt alkaline*

Special Features: Easy programming with digital readout, manual override, manual rain off, and low battery indicator.

Bluetooth model now available!

TGNHOSEBT	Bluetooth LCD Timer	$54.95
TGNHOSE	LCD Timer	$41.95

* Batteries Not Included

Bluetooth model now available!

Growers Choice

High Flow LCD Timer

Start Times: Up to 4 times per day, every day up to 30 days.
Duration: 1 minute to 12 hours
Pressure Range: 10 to 115 PSI; Bluetooth 10-145 PSI
3/4" Flow Range: 0.5 to 28 GPM @ 30 PSI
1" Flow Range: 0.5 to 32 GPM @ 30 PSI

Special Features: Removable controller for easy programming, water resistant construction, manual override and low battery indicator. Built-in high flow valve with ¾" or 1" female pipe thread inlet and outlet. ¾" model includes adapters for female hose inlet and male hose outlet.

TGNHFBT	¾" High Flow Bluetooth Timer	$109.95
TGNHF1BT	1" High Flow Bluetooth Timer	$114.95
TGNHF	¾" High Flow Timer	$74.95
TGNHF1	1" High Flow Timer	$76.95
TGNHFWP	¾" High Flow Waterproof Timer	$87.95

Alternator Valve

Don't pay for another timer or build a complex manifold! Simply attach our hose-thread alternator valve. Ideal for remote applications.

- Flow switches with each timer cycle
- No batteries required
- Allows flows up to 6 GPM
- Pressure range from 14-140 PSI
- Rugged, impact-resistant construction

TGNALT	Alternator Valve	$29.95

Our best selling timers just got better. Control Your Irrigation Timer from Your Phone!

Flip Open LCD Timer

Start Times: Up to 4 per day Daily/weekly programing
Duration: 1 minute to 12 hours
Pressure Range: 15 to 115 PSI ; Bluetooth 15-145 PSI
Flow Range: 0.5 to 5.2 GPM @ 30 PSI
Batteries: One 9 volt alkaline*

Special Features: Sturdy, compact body with a flip open panel. LCD display powers down to extend battery life. Watertight battery compartment. Manual override.

TGNLIDBT	Bluetooth Flip Open LCD Timer	$51.95
TGNLID	Flip Open LCD Timer	$44.95

* Batteries Not Included

Bluetooth model now available!

Galcon Battery Timer **10% OFF** when you purchase a **DripWorks Kit Package**

Need batteries?
We've got you covered! Find what you need at DripWorks.com

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Best Seller

Drip Tape Kits for Row Crops see p. 4

MADE IN USA

Small Drip Tape Kit

Waters 10 20' rows

KDT1	Small Kit	$79.95
KDT1-T	Kit plus timer	$125.95

Medium Drip Tape Kit

Waters 20 100' rows (⅛ acre*)

KDT2	Medium Kit	$289.95
KDT2-T	Kit plus timer	$335.95

Large Drip Tape Kit

Waters 40 100' rows (¼ acre*)

KDT3	Large Kit	$459.95
KDT3-T	Kit plus timer	$549.95

Find a complete list of kit components online at DripWorks.com

*Acreage estimations based on 33" row spacing. Your situation may vary.

Three Easy Ways to Order

Commercial/ Wholesale Catalog

1. **ONLINE** at DripWorks.com
2. **PHONE** us toll free at 800.522.3747
   March - June 30 , M-F 7am-5pm PST, Sat. 7am -12pm PST
   July-Feb 28, M-F 8am-4pm PST, Closed Sat and Sun
3. **VISIT** our retail store and demo garden in Northern California.
   DripWorks,190 Sanhedrin Circle Willits, CA 95490. Store hours M-F, 9am-4pm PST

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